

THE AMERICAN

## School Board Journal

March



March, 1904  
Vol. XXVIII. No. 3.

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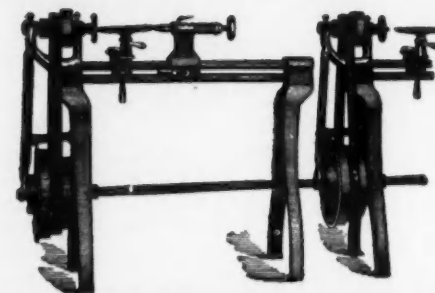
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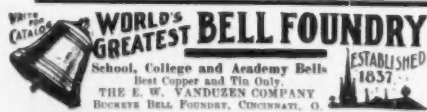
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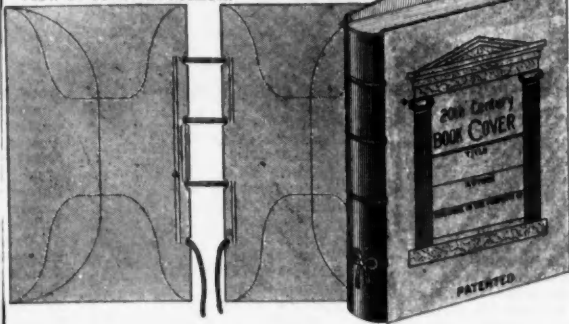
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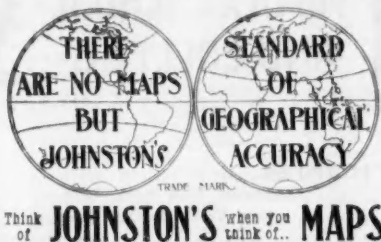


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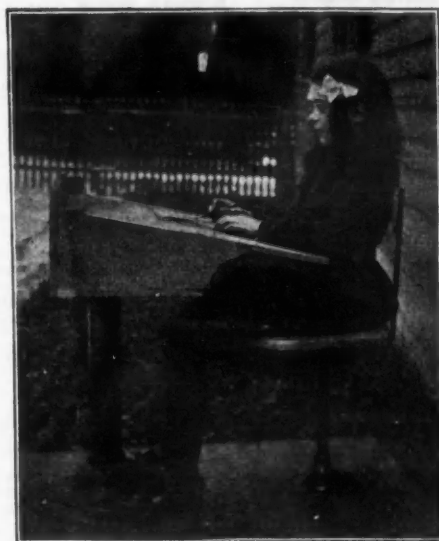
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# List of POPULAR SCHOOL AND COLLEGE Text Books



## ABBREVIATIONS.

American	American Book Co.	Cincinnati, New York, Chicago.
Appleton	D. Appleton & Co.	New York, Boston, Chicago.
Barnes	A. J. Barnes Publishing Co.	St. Louis, Mo.
Central	Central School Supply House	Chicago, New York.
Educational	Educational Publishing Co.	New York, Chicago.
Flanagan	A. Flanagan Co.	Chicago.
Ginn	Ginn & Co.	Boston, New York, Chicago.
GREGG	Gregg Publishing Co.	Chicago.
Heath	D. C. Heath & Co.	Boston, New York, Chicago.
Houghton	Houghton, Mifflin & Co.	Boston, New York, Chicago.
Jenkins	Wm. R. Jenkins	New York City.
Lippincott	J. B. Lippincott Co.	Philadelphia.
Longmans	Longmans, Green & Co.	New York.
Maynard	Maynard, Merrill & Co.	New York, Chicago.
Merriam	G. & C. Merriam Co.	Springfield, Mass.
Morse	The Morse Co.	New York, Chicago.
Myers	Myers, Fishel & Co.	Harrisburg, Pa.
Macmillan	The Macmillan Co.	New York, Chicago.
McNally	Rand-McNally & Co.	Chicago.
Pitman	Isaac Pitman & Sons	New York.
Prang	Prang Educational Co.	Boston, New York, Chicago.
Sadler	Sadler-Rowe Co.	Baltimore.
Sanborn	Benj. H. Sanborn & Co.	Boston, New York, Chicago.
Scott	Scott, Foresman & Co.	Chicago, New York.
Scribner	Charles Scribner's Sons	New York, Boston, Chicago.
Silver	Silver, Burdett & Co.	Boston, New York, Chicago.
Sower	Christopher Sower Co.	Philadelphia.
Thompson	Thompson, Brown & Co.	Boston, Chicago.
University	University Publishing Co.	New York, New Orleans.

## ALGEBRA.

Milne Series	American
White's Gram. School	"
Downey's Higher	"
Hull's	"
Sheldon Series	"
Olney's Series	"
Slought's Elements	Appleton
Principles	"
Wentworth Series	Ginn
Beman & Smith	Ginn
Wells Series	Heath
Bowser's Series	"
McCurdy's Drill Books	"
Freeland's	Longmans
Hall & Knight	Macmillan
Thompson's New	Maynard
Atwood's Series	Morse
Durell & Robbins Series	Myers
Collins	Scott
First Book	Silver
Lilly's Series	"
Brooks	Sower
Beginners	Thompson
Bradbury Series	"
Fairbanks & Hebdon	"
Sanford's Ele.	University
Nicholson's Ele.	"
Venable Series	"

## ARITHMETIC.

Milne Series	American
Bayley Series	"
Bayley-Wiemer Series	"
Baird's	"
Hornbrook's	"
White's	"
New Franklin Series	"
Sheldon's Series	"
Stoddard's New Int.	"
Hull's	"
New American	"
Springer's Com.	Appleton
New Higher	Flanagan
Practical	"
Wentworth Series	Ginn
Speer's	"
Beman & Smith	"
Prince's	"
Walsh's Series	Heath
Eaton's	"
Atwood's Series	"
Sutton & Kimbrough's	"
White's Series	"
Colburn's	Houghton
Lippincott's	Lippincott
McLellan & Ames' Series	"
Thompson's 1st Les.	Macmillan
Thompson's Les.	"
Rand-McNally Prim'y	McNally
Rand-McNally Practical	"
Hewitt's Manual for Teachers	"
Carroll's Series	Morse
Durell & Robbins Series	Myers
Normal Questions in	"
Quincy Graphic	"
Counting House Arithmetic	Sadler
Commercial Arithmetic, College Ed.	"
Commercial Arithmetic, School Ed.	"
Essentials of Arithmetic	"
Swift & Bellable Short-hand	"
Richardson's Commercial Law	"
Belfield's Ele.	Scott
Brooks' National	"
Belfield's	"
Normal Course	Silver
Pierce's Series	"
New Complete	"

Brooks' Series	Sower
Nichol's Graded Les.	Thompson
Cogswell, Lessons	"
Bradbury's Eaton's	"
Nicholson's Series	University
Sanford's Series	"
Venable's Series	"

## ART.

Riverside Series	Houghton
VanDyke's Painting	Longmans
Hamlin's Architecture	"
Marquand & Frothingham's Sculpture	"
Abbott-Gaskill's Outlines	Silver

## ASTRONOMY.

Todd's New	American
Bowen's	"
Steele's	"
Newcomb's	"
Comstock	Appleton
Young's	Ginn
Sharpless & Phillips	"
Lippincott	"
Ball's Elements	"
Howe's Elements	Silver
Peck's Constellations	"

## BIOLOGY.

Dodge's	American
Boyer's	Heath
Bigood's	Longmans
Parker's	Macmillan

## BOOKKEEPING.

Bryant & Stratton's	American
Eclectic	"
Palmer's	"
Mayhew's	"
Gay's	Ginn
Shaw's Ele.	Heath
Seay's Practical	"
Montgomery's Mod.	Merrill
Powers' Single Entry	Powers
First Less.	"
Complete Accountant	"
Office Methods	"
Comm. Industrial	Sadler
Inductive Set	"
Hall's Art of Accounts	Silver
Mayhew's Series	"
Lyte's Book	Sower
Meservy's	Thompson
American Accountant	"
University	"

## BUSINESS FORMS.

Eaton's Series	American
Ward's Series	"
Merrill's	"
Twenty Lessons in	Merrill
Powers	"

## BOTANY.

Apgar's Analysis	American
Coulter	Appleton
Caldwell's Lab. & Field Man.	"
Boyer's Tablets	Central
Bergen's	Ginn
Gray's	"
Wood's	"
Spalding's	Heath
Bayley's	Macmillan
Bayley's Lessons	"
Nature Calendar	Morse

## CHEMISTRY.

Cooly's Text Book	American
Storer & Lindsay's	"
Keiser's Lab	"
Stoddard's Analysis	"
Irish's Analysis	"
Avery's Chemistry	"
Young	Appleton
Bradbury	"
Boyer's Tablets	Central
William's	Ginn
Shepard's Course	Heath
Inorganic	"
Note Book	"
Remsen's Organic	"
Newell's	"
Newell's Experimental	"
Green's Lessons	Lippincott
Wurtz's Elements	"
Newth's Inorganic	Longmans
Thorpe's Quan. Anal.	"
Ele. Inorganic	"
Chem. Analysis	"
Chem. Lect. Exp.	"
Thorpe & Muir Q. A.	"
Roscoe & Lunt	Macmillan
Richardson's	"
Noyes' Qualitative	"
Talbot's Quantitative	"
Avery's	"
Peter's	Maynard
Ekeley's Elementary Experimental	Silver
Sprague's Shakespeare	"
Appleton's Series	"

## CIVICS.

Forman's	American
McClure's	"
Andrew's Manual	"
Practical Civics	Flanagan
Seelye's	Ginn
Dole's Am. Citizen	Heath
The Young Cit.	"
Wilson's The State	"
Pudson's Young Am.	Maynard
Jones & Sanford's Gov't in State and Nation	"
Martin's Hints	Scribner
Silver	"

## CIVIL GOVERNMENT.

Peterman's	American
Willoughby's Am. Cit.	"
Moses	Appleton
Macy's	Ginn
Davis	"
Flickinger's	Heath
John Fiske's	Houghton
Strong & Schaffer's	"
Schwinn & Stevenson's	"
Lippincott	"
Young's	Maynard
Normal Questions in	Myers
Mowry's Elements	Silver
Mowry's Studies	"
Finger's Lowry's	University

## BUSINESS LAW.

Burdick's Essentials	Appleton
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## COMMERCIAL HISTORY.

Marchant's Com'l Hist.	Pitman
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## COMPOSITION AND RHETORIC.

Buchler's	American
Haven's	"
Hill's	"
Swinton's School	"
Butler's School	"
Quackenbos' Pract.	"
Waddy's	"
New Franklin Series	"
Sheldon's Series	"
Hill's Elements (D. J.)	"
Hill's Science (D. J.)	"
Peterson's First	"
Everyday English	Educational
Steps in	Flanagan
Genung's Series	Ginn
Cairn's Intro.	"
William's Practical	Heath
Strang's Ex. in Eng.	"
Pearson's Comp.	"
Spalding's Ele. Comp.	"
Lewis' Intro. Rhetoric	"
Webster's English Comp. and Literature	Houghton
Bates' Talks on Writing English	"
White's Everyday English	"
White's Words and Their Uses	"
Longmans'	Longmans
Baldwin's	"
Collard's Beginners	Maynard
Le Row's Practical	"
Kellogg's Book on	"
Carpenter's H. Sch. First and Second H. Sch. Course	Macmillan
Carpenter's Advance	"
Lewis' Writing Eng.	"
Lewis' Manuals (2)	"
Irish's Orthog. & Oratory	"
Comp and Rhetoric	McNally
Normal Questions in	Myers
A Modern	Sanborn
Herrick & Damon	Scott
Welsh's Composition	Silver
Copeland & Rideout's Freshman English	"

## COPY BOOKS.

(See Penmanship.)

## DICTIONARIES.

Webster's School	American
Harper's Latin	"
Lewis' Latin	"
Harper's Classical	"
Appleton's Latin	Appleton
Cassell's French	"
Liddell & Scott's Greek	Ginn
Worcester	Lippincott
Blackley & Friedlander's German-Eng.	Longmans
Longmans' Pocket	"
Contaneau's Fr.-Eng.	"
Pocket, Fr.-Eng.	"
Webster's International	Merriam
Collegiate	"
Brown & Haldeman	University
Clarendon	"

## DRAWING.

Eclectic Series	American
Tracy's	"
Augsburgs	Educational
National Course	Ginn
Thompson's Aesthetic Ser.	"
Heath	"
Mechanical Ser.	"
Thompson's N. Short Course	"
Heath	"
Anthony's Mechanical	"
Machine	"
Essentials of	"
Gearing	"
Daniels' Lettering	"
Bartholomew's Free	"
Natural Drawing Ser. 6	"
Morris' Teaching of Longmans	"
Geometrical	"
Wilson's Geometrical	"
Halle's Prac. Draw.	Maynard
Numbers	Potter
Elementary Course in Art Instruction	Prang
Primary 1st Year (Manual)	"
Primary 2d Year (Manual)	"
Drawing Books (1-12) or (1-6)	"
Manuals for Books (6)	"
Course for Graded	"
Paper Folding and Cutting	"
Ball	"
Schools	Prang
Drawing Books (1-6)	"
Manual (1)	"
Course for Ungraded	"
Drawing Book (1)	"
Manual (1)	"
A Course in Water Color	"
Mechanical Drawing	"
Rouillon	"

How to Enjoy Pictures	Prang
Emery	"
Egypt, Perry	"
Pencil Sketches, Bartholomew	"
Parts I-III	"
Supplements A-B	"
Landscape Drawing, Bartholomew	"
Sets 1-3	"
Water Colors	"
Pictures (Walls)	"
Normal Course	"
Pictures (Class Study)	"
Hand	University
Eclectic Industrial	"

## ECONOMICS.

Hull's Practical	Appleton
Guntton	"
Ely's Outlines	Macmillan
Andrews' Institutes	Silver
Bullock's Introduction	"

## ELOCUTION.

Kidd's	American
Murdoch's	"
Southwick's	"
Ball's Elocution	Butler
Fulton's	Ginn
Holyoak's	"
Trimble's New	"
Hyde's School Speaker	"
Smith's Reading and Speaking	Heath
Burrell's Clear Speaking and good Reading	Longmans

## ENGLISH LITERATURE.

Alden's Studies	American
Brook's English	"
Blaisdell's	"
Brooke's English	"
Halleck's English	"
Matthew's American	"
McNeill & Lynch's	"
Watkins' American	"
Eclectic Classics	"
Roife's Classics	"
Choice Readings	"
Sel. from Am. Auth.	"
Sheldon's Readers	"
Shaw's Series	"
New History of Eng. and Am. Lit.	"
The Great Writers	"
Tyler's Manual of	"
Shaw-Backus Outl.	"
Twentieth Century Series	Appleton

Athenaeum Press Series	Ginn
Gayley's	"
Hudson's Shakespeare	"
Minto's	"
Lewis' Beginnings	"
Heath's Classics	Heath
Melkolejohn's His. of	"
Corson's Browning	"
Shakespeare	"
Arden Shakespeare	"
Hawthorne & Lemmon's	"
Am. Lit.	"
Heart of Oak Books	"
Bronson's American	"
Longman's Eng. Classics	"
Richardson's Amer.	Houghton
Masterpieces Brit. Lit.	"
Riverside Series	"
Masterpieces Am. Lit.	"
Modern Classics	"
American Poems	"
Arnold's Manual of	"
College Requirements	"
Riverside School Library	"
American Prose	"
Simond's History	"
Eng. Lit.	"
Higginson and Boynton's Hist. Am. Lit.	"
Bates' Talks on Study of Lit.	"
Perry's Study of Prose Fiction	"
Longman's Eng. Lit.	"
Longmans	"

Brooke's	Macmillan
Bates' Am. Lit.	"
Carpenter's Am. Prose	"
George's Chaucer to Arnold	"
Brooke-Carpenter	"
Canterbury Classics	McNally
Maynard's Series	Maynard
Kellogg on	"
Normal Questions in	Myers
Chittenden's Ele	Scott
Lloyd's Little Folks	"
Lake's Eng. Classics	"

## FRENCH.

Sym's	American
Muscarelli's	"
Bacon's	"
Worman's	"
Downer's First French Book	"

Classics (20th Century Series)	Appleton
Int. Modern	Ginn
Aldrich & Foster's Foundation	"
Dufour's Grammar	"
Edgren's Gram	Heath
Grandgent's Gram	"
Grandgent's Comp.	"
Super's Reader	"
Heath's Series	"
Heath Dictionaries	"
Fraser & Squair's Gram	"
Jenkins	"
Fountaine's Livre	Heath
Grammar	Longmans
His. Second Reader and Grammar	"
His. First Conversational Reader	"
Longmans' Gram	"
Composition	"
Episodes from Modern Authors	"
Magnat's Course	Macmillan
Kroen's	"
Le Row's Prac. Read.	"
Maynard	"
Keeteles' Gram. & Read	"
Maynard's Texts	"
Elementary French	"
La France	"
Anecdotes Nouvelles	"
Colloquial Conver.	Pitman
Pitman's	"
His. First Reader and	"
De Bordes's Ele.	Scott
Douay's Reader	Silver
Duffet's Method	Sower

## GEOGRAPHY.

Natural Elementary	American
Advance	"
Harper's (2)	"
Swinton's (2)	"
Eclectic (2)	"
Butler's Series	"
Barnes' (2)	"
Warren's	"
Mitchell's	"
Morton's Ele	"
Morton's Advanced	"
Appleton's	"
Fry's	Ginn
Longman's	Longmans
Chisholm's	"
Tarr & McMurray's (3)	"
Macmillan	"
Rand-McNally Prim'y	McNally
Rand-McNally Elem.	"
Rand-McNally Gram Sch	"
Carroll's Series	Morse
Pitman's Commercial	Pitman
Instructive Geography	Potter
Redway's G. of N. Y.	"
Maury's	University

(Physical)	"
Hinman's	American
Monteith's	"
Guyot's	"
Gilbert & Brigham's	Appleton
(Physical)	"
Redway's Elementary	"
Scribner	"
Davis	Ginn
Dodge's Reader	Longmans
Tarr's	Macmillan
Normal Questions in	Myers
Adams' Commercial	Appleton
Adams' Elementary	"
Butler's Commercial	American
Warner's	"
Dana's	"
McFarland's	Sadler

## GEOLOGY.

Le Contes	American
Davis	"
Brigham	Appleton
Shaler's First B. in	Heath
Tarr's Elements	Macmillan
Scott's Introduction	"
Geographical Portfol.	Scribner
Hand Book-Prac.	"
Gove's	"
Helliprin's Earth	Silver

## GEOMETRY.

Crockett's Trig	"
Campbell's Geo	"
Hornbrook's Geo	"
Milne's Geom.	"
Phillip & Fisher	"
Phillips & Stron	"
White's Geom.	"
White's Trig.	"
Olney's Series	"
Hull's Ele. Geo	"
Westworth Ser	"
Beman & Smith	"
Bailey & Wood	"
Wheeler's Trig	"
Durfee's Plane	"
Nichols' Trig.	"
Wells' Series	"
Bower's Series	"
Hunt's Gram.	"
Geometry	"
Waldo's Descri	"
Nichols' Anal	"
Chauverit's Sec	"
Nichols' .....	"
Gore's Plane &	"
Estlin's .....	"
Murray's Trig	"
Noetting's Ele	"
Edward's Geom	"
Lock-Miller's	"
Loney's Trig.	"
Pettee's Plane	"
Welsh's Trig	"
Brooks' Plane	"
" P. & S.	"
Bradbury's El	"
" Trig .....	"
" Geom. &	"
" Acad. Pl	"
" Acad. P.	"
" Trig. &	"
Vanable's	"



# School Board Journal

## GEOMETRY AND TRIG.

Crockett's Trig.....American  
Campbell's Geom.....  
Hornbrook's Geom.....  
Milne's Geom.....  
Phillips & Fisher's Geom.....  
Phillips & Strong's Trig.....  
White's Geom.....  
White's Trig.....  
Olney's Series.....  
Hull's Ele. Geom.....Ginn  
Wentworth's Series.....  
Beman & Smith.....  
Bailey & Woods.....  
Wheeler's Trig.....  
Duffee's Plane Trig.....  
Nichols' Trig.....  
Wells' Series.....Heath  
Bower's Series.....  
Hunt's Gram. School  
Geometry.....  
Waldo's Descriptive  
Geometry.....Heat  
Nichols' Analytic  
Chauverit's Series.....Lippincott  
Nichols'.....Longmans  
Gore's Plane & Solid.....  
Phillips'.....  
Murray's Trig.....  
Noelting's Elements of  
Edward's Geom.....Macmillan  
Lock-Miller's Trig.....  
Loney's Trig.....  
Pettet's Plane Geom.....Silver  
Welsh's Trigonometry.....  
Brooks' Plane & Solid.....Sower  
P. & S. Trig.....  
Bradbury's Ele. Pl.....Thompson  
" Trig.....  
" Geom. & Trig.....  
" Acad. Plane.....  
" Acad. P. & S.....  
" Trig. & Survey.....University  
Venable's.....

## GERMAN.

Keller's Series.....American  
Schmitt's Series.....  
Harris' Comp.....  
Hue's Reader.....  
Spanhol's Reader.....  
Joyne's Reader.....  
Nix Reader.....  
Learned's Ger. Gram-  
mar.....Appleton  
Jones's Ger. Reader.....  
Classics (30th Century  
Series).....  
Int. Modern Series.....Ginn  
Collar's Eyewitness.....  
Collar's Lessons.....Ginn  
Bernhardt's Course.....  
Stein's Exercises.....  
Joyne-Melissner's Gram.  
.....Heath  
Harris' Ger. Lessons.....  
Heath's Series.....  
" Dictionary.....  
Guerber's Maerchen.....  
Deutscher Hiawatha  
Primer.....Houghton  
Jenkins.....Jenkins  
Hill's First Reader and  
David's Easy Stories.....

Longman's Grammar.....  
" Composition.....  
Grammar.....  
Althaus' Grammar.....  
Beresford-Webb's Gram.....  
Macmillan's Series.....Macmillan  
Maynard's Texts.....Maynard  
Neue Anekdoten.....  
Deutschland und die  
Deutschen.....Maynard  
Beginner's.....  
Loesberg's Reader.....Morse  
Gems of Literature.....  
Bernhardt's.....  
Eclectic.....  
Worman's.....  
Colloquial Convers.....Pitman  
Pitman's Practical.....  
Mueller's Series.....Silver  
Silver Modern Language  
Series.....  
Knobloch's Ger. Simp.  
.....University

## GRAMMAR.

(See Language and Grammar.)

## GREEK.

Forman's.....American  
Gleason & Atherton's.....  
Harper & Castle's.....  
Goodell's Greek Gram-  
mar.....Appleton  
Benner's Illad.....  
Goodell & Morrison's.....  
Pearson's.....  
Goodwin's Grammar.....Ginn  
White's First.....  
White's Beginners.....  
Seymour's Illad.....  
Perrin & Seymour's.....  
Odyssey.....  
Collar & Daniels' Begin-  
ners Companion.....  
School Classic Series.....  
College Series.....Authors  
Bryant's Illad.....Houghton  
Bryant's Odyssey.....  
Palmer's Odyssey.....  
Masterpieces of Greek  
Literature.....  
Ritchie's.....Longmans  
Arnold's Prose Comp.....  
Jones' Prose Comp.....Scott

## HISTORIES.

Eggelston's.....American  
McMaster's U. S.....  
Barnes (2).....American  
Eclectic (2).....  
Swinton's.....  
Scudder's U. S.....  
Munro's Mid. Ages.....Appleton  
Whitcomb's Europe.....  
Wrong's English.....  
McLaughlin's Amer.....  
Myer's Series.....Ginn  
Emmeton's M. Ages.....  
Montgomery's U. S.....  
" English.....  
" French.....  
Thomas' U. S.....Heath  
Shelton's U. S.....  
" General.....  
" Grk. and Rom.....  
Homan's Elem. U. S.....  
Thomas' Elementary.....  
John Fluke's U. S.....Houghton  
Larned's English.....  
Riverside Blog Series.....  
Floetz's Epitome of.....  
Larned's U. S. Hist.....  
Tappan's Our Coun-  
try's Story.....  
Tappan's England's  
Story.....  
Morris Series (3).....Lippincott  
Oman's Greece.....Longmans  
How & Leigh's Rome.....  
Higginson's U. S.....  
Gardiner's Stud. Eng.....  
Ransom's England.....  
Robinson's Rome.....  
Higginson & Channing's  
England.....  
Channing's U. S.....Macmillan  
Shuckburg's Rome.....  
Botsford's Greece.....  
Robinson's Greece.....  
Adams' European.....  
Channing's Student.....  
" Gram. School.....  
Coman & Kendall's Eng.....  
Anderson's U. S.....Maynard  
" England.....  
" France.....  
Leighton's Rome.....  
Dutton's Series.....Morse  
Chancehor's Am.....  
Murphy's Flash Lights.....Myers  
Flecker's Outlines.....  
Smith's Manual U. S.....Potter  
Andrew's U. S.....Scribner  
Adams'.....  
Burgess'.....  
Gordy's U. S.....  
Johnston's U. S.....  
Oxford Man. of Eng.....  
Thatcher & Schwill's.....  
Mowry's First Steps.....Silver  
Mowry's U. S. History.....  
Andrew's Institutes.....  
Stone's England.....Thompson  
Hansell's School.....University  
" Higher.....  
Jones' U. S.....  
Evans' Georgia.....  
Brown's Alabama.....  
L. & M. Mississippi.....

Channing's U. S.....Macmillan  
Shuckburg's Rome.....  
Botsford's Greece.....  
Robinson's Greece.....  
Adams' European.....  
Channing's Student.....  
" Gram. School.....  
Coman & Kendall's Eng.....  
Anderson's U. S.....Maynard  
" England.....  
" France.....  
Leighton's Rome.....  
Dutton's Series.....Morse  
Chancehor's Am.....  
Murphy's Flash Lights.....Myers  
Flecker's Outlines.....  
Smith's Manual U. S.....Potter  
Andrew's U. S.....Scribner  
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Burgess'.....  
Gordy's U. S.....  
Johnston's U. S.....  
Oxford Man. of Eng.....  
Thatcher & Schwill's.....  
Mowry's First Steps.....Silver  
Mowry's U. S. History.....  
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Stone's England.....Thompson  
Hansell's School.....University  
" Higher.....  
Jones' U. S.....  
Evans' Georgia.....  
Brown's Alabama.....  
L. & M. Mississippi.....

## LANGUAGE AND GRAMMAR.

Harvey's.....American  
Long's.....  
Maxwell Series.....  
Lyte's.....  
Metcalf & Bright's.....  
Metcalf's.....  
Powell & Connolly's.....  
Sheldon's Prim. Lan-  
guage Lessons.....  
Patterson's Ele. of  
of Gram. & Comp.....  
Sheldon's Advanced.....  
Powell's How to Talk.....  
" How to Write.....  
" How to See.....  
Practical Studies in Planagan  
Whitney & Lockwood.....Ginn  
Tarbell's Lessons.....  
Knox-Heath's Ele.....  
Lockwood's Lessons.....  
Arnold & Kittredge.....  
Progressive Studies in  
English.....Gregg  
Punctuation Simplified.....  
Words: Their Spelling.....  
Punctuation, etc.....Heath  
Hyde's English Lessons.....Heath  
" Eng. Gram.....  
Melkilejohn's Eng. Gr.....  
Allen's School Gram.....  
Masterpieces of Latin  
Literature.....Houghton  
Webster-Cooley Se-  
ries.....  
Patrick's Lang. Less.....  
Patrick's Gram. Less.....  
Longman's.....Longmans  
Carpenter's Gram.....Macmillan  
Davenport & Em-  
erson's Grammar.....  
Intro. Lang. Work.....Maynard  
Reed & Kellogg's.....  
Reed's Introductory.....  
Kellogg & Reed's Word  
Building.....  
Essentials of English  
Gram.....Potter  
Lang through Nature.....McNally  
Rand-McNally Primary  
Gram and Comp.....  
Rand-McNally Practical  
English.....  
Supplementary Lessons  
in English.....

## LANGUAGE AND GRAMMAR.

Harvey's.....American  
Long's.....  
Maxwell Series.....  
Lyte's.....  
Metcalf & Bright's.....  
Metcalf's.....  
Powell & Connolly's.....  
Sheldon's Prim. Lan-  
guage Lessons.....  
Patterson's Ele. of  
of Gram. & Comp.....  
Sheldon's Advanced.....  
Powell's How to Talk.....  
" How to Write.....  
" How to See.....  
Practical Studies in Planagan  
Whitney & Lockwood.....Ginn  
Tarbell's Lessons.....  
Knox-Heath's Ele.....  
Lockwood's Lessons.....  
Arnold & Kittredge.....  
Progressive Studies in  
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Punctuation Simplified.....  
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Punctuation, etc.....Heath  
Hyde's English Lessons.....Heath  
" Eng. Gram.....  
Melkilejohn's Eng. Gr.....  
Allen's School Gram.....  
Masterpieces of Latin  
Literature.....Houghton  
Webster-Cooley Se-  
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Patrick's Lang. Less.....  
Patrick's Gram. Less.....  
Longman's.....Longmans  
Carpenter's Gram.....Macmillan  
Davenport & Em-  
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Intro. Lang. Work.....Maynard  
Reed & Kellogg's.....  
Reed's Introductory.....  
Kellogg & Reed's Word  
Building.....  
Essentials of English  
Gram.....Potter  
Lang through Nature.....McNally  
Rand-McNally Primary  
Gram and Comp.....  
Rand-McNally Practical  
English.....  
Supplementary Lessons  
in English.....

## LANGUAGE AND GRAMMAR.

(See Language and Grammar.)

## GREEK.

Forman's.....American  
Gleason & Atherton's.....  
Harper & Castle's.....  
Goodell's Greek Gram-  
mar.....Appleton  
Benner's Illad.....  
Goodell & Morrison's.....  
Pearson's.....  
Goodwin's Grammar.....Ginn  
White's First.....  
White's Beginners.....  
Seymour's Illad.....  
Perrin & Seymour's.....  
Odyssey.....  
Collar & Daniels' Begin-  
ners Companion.....  
School Classic Series.....  
College Series.....Authors  
Bryant's Illad.....Houghton  
Bryant's Odyssey.....  
Palmer's Odyssey.....  
Masterpieces of Greek  
Literature.....  
Ritchie's.....Longmans  
Arnold's Prose Comp.....  
Jones' Prose Comp.....Scott

Atwood's Language  
Tablets.....  
Analysis and Parsing.....  
Bartlett's Series.....Silver  
Milne's Grammar.....  
Welsh's.....Sower  
Dunton & Kelley's.....Thompson  
DeGarmo Lang. Ser.....Werner  
Brown & DeGarmo's  
Gram.....

## LATIN.

Harkness' Series.....American  
Coy's Latin Lessons.....  
Dodge & Tuttle's Comp.....  
Hamer's Easy Steps.....  
Lane's Grammar.....  
Mooney's Grammar.....  
Smiley & Storke's Beg.....  
Harper & Gallup's Cle-  
ero.....  
Harper & Miller's Vir-  
gil.....  
Harper & Tolman's  
Caesar.....  
McCabe Series.....  
Bingham Series.....  
Cranch's Aeneid Trans.....  
Werne Grammar.....Appleton  
Westcott's Caesar.....  
Chase's Nepos.....  
Moore's First Book.....  
Carter's Virgil.....  
Forbes' Cicero.....  
Allen & Greenough.....Ginn  
Collar's Series.....  
Moulton's Composition.....  
College Series of.....  
Ritchie's First Steps.....  
".....Longmans  
" Latin Prose Comp.....  
" Easy Continuous  
Latin Prose.....  
Morris' Ele. Latins.....  
Hill's First Reader and  
Grammar.....  
St. Clair's Caesar.....  
Students' Series.....Sanborn  
Classics (58 books).....  
Intercollegiate Series.....Scott  
Bellum Helvetium.....  
Jones' Lessons.....  
Riggs' in Latinum.....  
Gilderleeve-Lodge  
Series.....University

## LITERATURE.

(See English Literature.)

## LOGIC.

Davis'.....American  
Schuyler's Prin of.....  
Ballantine's Inductive.....Ginn  
Lafleur's Ill. of.....  
Mills' System.....Longmans  
Creighton's.....Macmillan  
Jevon's.....

## MANUAL TRAINING.

Compton's.....American  
Ham's.....  
Hoffman's.....  
Kirkwood's Sewing.....  
Goss' Bench Work.....Ginn  
Happold's Needle Work.....  
Banner's Sewing.....Longmans  
Hewitt's, 2 vols.....  
Unwin's Clay Modelling.....  
Hiawatha Primer.....Houghton  
Riverside Lit. Series.....  
Longmans' "Ship" Lit.....  
Longmans' Supplement.....  
Fairly.....  
Longmans' Infant Fairy.....  
"Ship" Historical.....  
"Chatty".....  
Blaisdell's.....Macmillan  
Graded Literature.....Maynard  
Deane's Phonetic.....Morse  
New Century Series.....  
Salomon's Sloyd.....Silver  
Brumbaugh's.....Sower  
Davis'.....University  
Holmes'.....  
Lippincott's.....

## MENTAL SCIENCE.

Bain's Mental.....American  
Hewett's Psychology.....  
Schuyler's Psychology.....  
Bowne's.....  
Dewey's Psychology.....  
Halleck's Psychology.....  
Hewitt's Psychology.....  
Putnam's Psychology.....  
Buell's Essence of.....Ginn  
Sanford's Psych.....Heath  
Compayre's Psych.....  
Herbart's Psychology.....  
Dexter's & Garlick's  
Psychology.....Longmans  
Fitcher's Psych.....Macmillan  
Baker's Ele Psych.....Maynard  
Normal Questions in.....Myers  
Robertson's Ele of.....Scribner  
Minto's Logic.....  
Mulhead's Eth. Ele C.....  
Hyslop's Ele of Eth.....  
Davis' Ethics.....Silver  
Davis' Elements of Psy-  
chology.....

## MUSIC.

Natural Series.....American  
Model Series.....  
Gantvoort's Series.....  
Matthew's Songs.....  
Stefert's Choice Songs.....  
Educational Series.....Ginn

Mason's Course.....  
National Course.....  
Whiting's Series.....Heath  
Hart's Class. Reader.....  
Emerson's Hymnal.....  
Riverside Song Book.....Houghton  
Russell's Vocal Culture.....  
Bertenshaw's Meth.....Longmans  
Brewer & Reddall.....Maynard  
Sprenkel's Course.....Myers  
American System.....Richardson  
Stevenson Song Book.....Scribner  
Field-DeKoven S. Book.....  
Modern Series.....Silver  
Study.....  
Cecilian Series.....  
Silver Song Series.....

## NATURAL SCIENCE.

Treat's Home Studies.....American  
Treat's Home Studies.....  
Cooper's Animal Life.....  
Herrick's Animal Life.....  
Bailey's Physics.....Heath  
Guides for Teaching.....  
Rick's Natural His.....  
Rice's Teaching.....  
Spear's Leaves and  
Flowers.....  
Scott's Nature Study.....  
Miller's Birds.....Houghton  
Burrough's Squirrels.....  
Eckstorm's Woodpeck-  
ers.....  
Merriam's Birds.....  
Sargent's Corn Plants.....  
Torrey's Everyday  
Birds.....  
Beddard's Zoology.....Longmans  
Nature's Byways.....Morse  
Engell's Outlines in Na-  
ture Normal Course.....Silver  
Normal Questions in.....Myers  
Norcross's Springtime  
Flowers.....  
Griffin's Philosophy.....Sower

## NUMBER WORK.

Primary Number Work  
and Ele Algebra.....McNally  
Digit Dominos.....  
Durell & Robbins Series.....Myers

## ORATORY.

Smith's Reading and  
Speaking.....Heath  
Webster's Bunker  
Hill.....Longmans  
Briefs for Debate.....  
Pollett's Speaker.....  
Espenahde's Forensic  
Declamation.....Silver

## PEDAGOGICS.

Hewitt's.....American  
White Ele of.....  
Roark's.....  
" Psychology in  
Education.....  
Hailmann's.....  
" Sch Management.....  
Int. Education Series.....Appleton  
Compayre's His of.....Heath  
Heath's Pedagog Lib.....  
Hall's How to Teach  
History.....  
Barnett's Teaching and  
Organization.....Longmans  
Garlick's Manual of  
Methods.....  
Beale's Work & Play.....  
Salmon's Art of Teach.....  
Barnett Comp Ser in.....  
Am. Teacher Series.....  
Landon's Class Manage-  
ment.....Macmillan  
Normal Questions in.....Myers  
Herbert's.....Scribner  
Butler's.....  
Arnold's Waymarks.....Silver  
Smith's Systematic  
Methodology.....  
Morgan's Studies.....  
Putnam's Manual.....

## PENMANSHIP.

Barnes' Vertical.....American  
Spencerian Series.....  
Curtis' Semi-Vertical.....  
American Vertical.....  
Sheldon's Vertical.....  
Butler's Copy Books.....  
Rondebush Writing.....Central  
Shaylor's Vertical.....Ginn  
Ginn's Slant.....  
Nat. Sys. of Vertical.....Heath  
Newland & Rowe's Ver.  
Books.....Longmans  
Merrill's Vertical.....Maynard  
Merrill's Modern.....  
Round Rapid Writing.....McNally  
Upright Rapid Writing.....  
New Ideal Vertical.....Myers  
New Ideal Slant.....Myers  
Intermediate System.....Morse  
Morse Edu. System.....  
Economic System of  
Penmanship, 6 Nos.....Potter  
Potter & Putnam's Sys-  
tem of Vertical  
Writing, 10 Nos.....  
Man. Business Writ.....Powers  
Smith's Intern.....Richardson  
Standard Vertical.....Sower  
Popular Slant.....  
Normal System.....Silver  
Duntonian Series.....Thompson  
University Series.....University  
Simplified Penmanship.....  
Harrington's.....American

## PHYSICS.

Harrington's.....American

Hoadley's.....Ginn  
Rowland & Ames.....  
Ames & Bliss.....  
Cooley's Series.....  
Avery's.....  
Henderson & Woodhull  
.....Appleton

Ayres' Lab. Exercises.....  
Gage's Series.....Ginn  
Wentworth & Hull's.....  
Stone's.....  
Dolbear's.....  
Hastings & Beach's.....  
Chute's Lab. Man.....Heath  
" Physics.....  
Whiting's Physical  
Measurement.....  
Bailey's Ele. Physics.....  
Sharpless & Phillips Lippincott  
Hopkins' Prep.....Longmans  
Watson's Practical.....  
Wright's.....  
Glazebrook & Shaw's  
Practical.....  
Watson's Advanced.....  
Balfour-Stewart's.....Macmillan  
Crew's Elements.....  
Nichols'.....Maynard  
Smith's Experiments.....Morse  
Normal Questions in.....Myers  
Thwing's Elementary.....Sanborn  
Britton's.....Scribner  
Grant's.....  
Dana's.....  
Mills'.....  
Storer's.....  
Thompson's.....Silver  
Mead's Elements.....Thompson  
Grifford's Ele.....Thompson

## PHYSICAL CULTURE.

Morris' System.....American  
Stoneroad's.....Heath  
Pray's Motion Songs.....  
Bancroft's Gymn.....  
Anderson's.....Maynard  
The Ling System.....Silver

## PHYSIOLOGY AND HY- GIENE.

Overton's Series.....American  
Pathfinder Series.....  
New Century Series.....  
Union Series.....Butler  
The Teacher's Manual.....Central  
Blaisdell's Series.....Ginn  
Colton's.....Heath  
" Briefer.....  
Cutter's Series.....Lippincott  
Barnett's Making of the  
Body.....Longmans  
Ferneaux's Phys.....  
Thornton's Phys.....  
Moore's Phys.....  
Foster & Shors.....Macmillan  
Foster & Shors.....Macmillan  
Huxley & Ree.....  
Devine's.....  
Fly's Outlines.....  
Hutchinson's Series.....Maynard  
Standard School.....Morse  
Normal Questions in.....Myers  
Stowell's Health Series.....Silver  
Gifford's Ele.....Thompson

## POLITICAL ECONOMY.

Laughlin's.....American  
Gregory's.....  
Wayland's.....  
Chapin's.....  
Wayland's Elements.....  
Thompson's.....Ginn  
Glade's.....Heath  
Davenport's.....Macmillan  
Macvane's.....Maynard  
Perry's Prin.....Scribner  
Woolsey's.....  
Rullock's Economics.....Silver  
Thurston's.....Scott  
Mcservey's.....Thompson

## READERS.

Baldwin's.....American  
Harper Series.....  
Swinton Series.....  
Barnes' Series.....  
Appleton Series.....  
McGuffey Series.....  
New Education.....  
Sheldon's Series.....  
New Franklin Series.....  
Progressive.....  
Hazen's.....  
New American.....  
Monroe's New.....  
Sprague's Classic.....Educational  
Cyr's Series.....Ginn  
Stickney's Series.....  
Pinch's.....  
Summer's.....  
Strong's.....  
Classics for Children.....  
Heart of Oak.....Heath  
Bass'.....  
Pratt.....  
Blaisdell Child Life  
(Primer & 5 books).....Macmillan  
Judson & Bender's.....Maynard  
Lights to Literature.....McNally  
New Century.....  
Morse.....Morse  
New Century.....  
Normal Series.....Silver  
Stepping Stones.....  
Rational Method.....

## SHORTHAND.

Hefley's Manual.....American  
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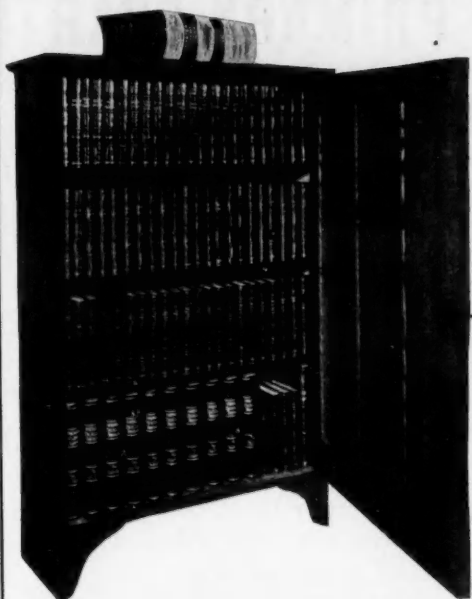
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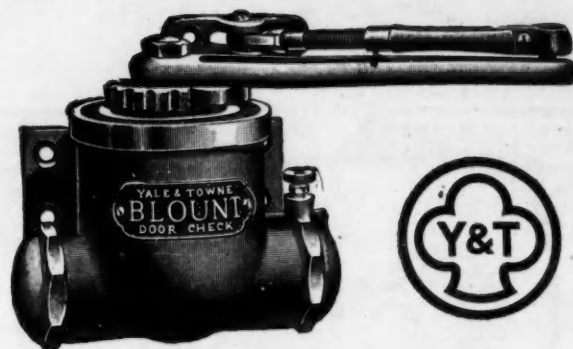
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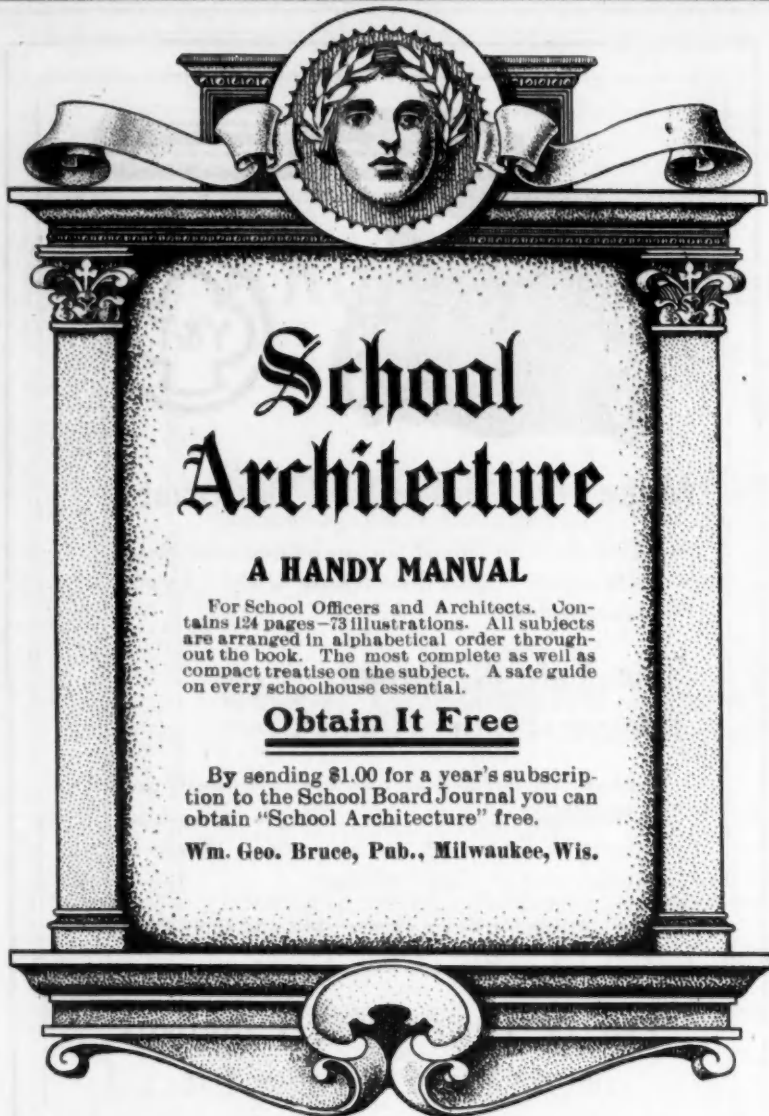
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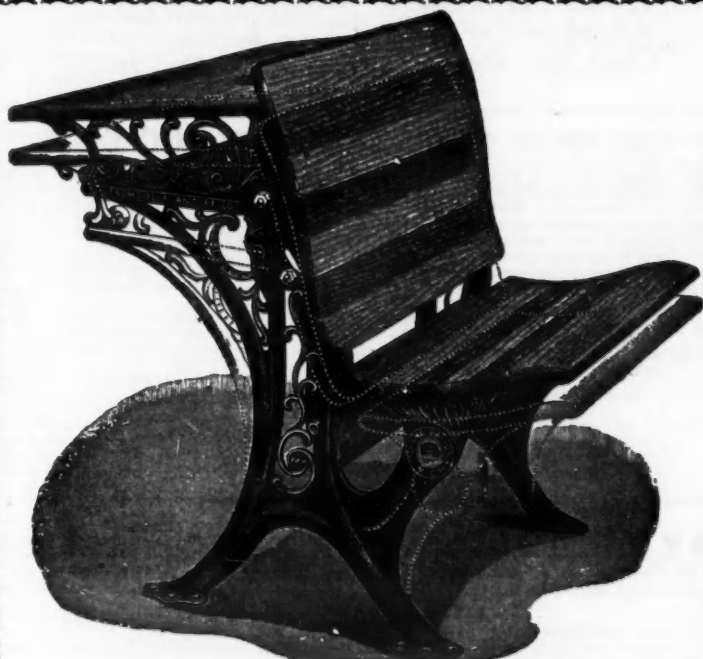
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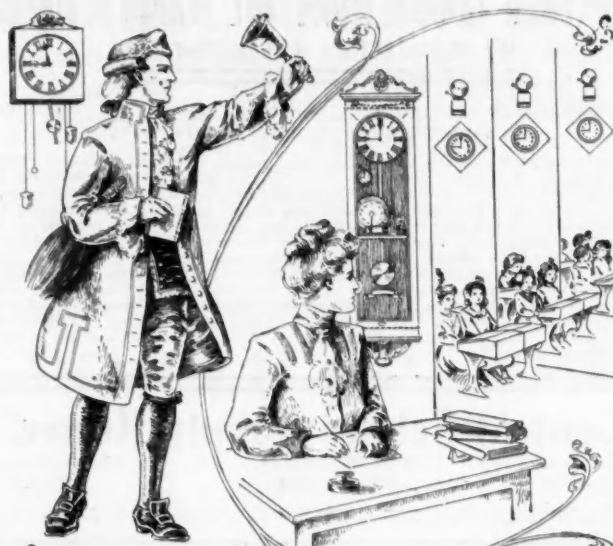
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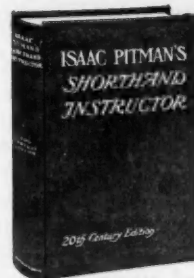
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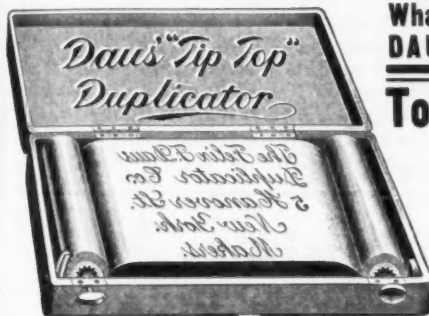


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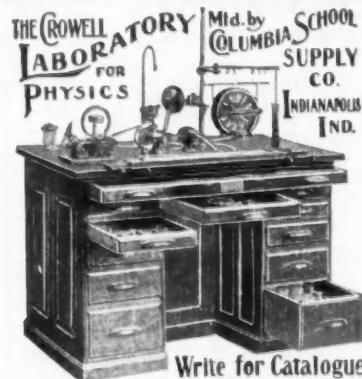
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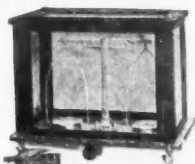
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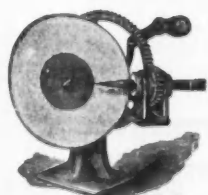
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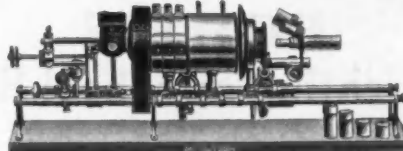
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# School Board Journal

VOL. XXVIII, No. 3.

MILWAUKEE-NEW YORK, MARCH, 1904.

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\$1 PER YEAR.



EDUCATIONAL SPRING HOUSE CLEANING.

A thorough examination of school administrative premises will reveal to the average Board of Education the fact that there are some cob-webs to be disturbed.



## Recent Decisions.

Illinois. The Supreme Court decides that property of boards of education is subject to special assessments for improvements of a street or streets upon which it abuts.

Detroit, Mich. The corporation counsel declares the law, passed by the last legislature making the city treasurer custodian of the school board funds, leaves the board simply a distributing agency. The common council and board of estimates having the power to not only regulate the expenditures but to direct the policy of the board.

Pennsylvania. The city solicitor of Philadelphia declares the board of education is justified in excluding from the public schools, children who refuse to submit to an examination for successful vaccination.

Massachusetts. The Attorney General Parker has decided that women while permitted to vote at school election, may not take part in any caucus in which candidates for school committees are to be selected. He declared that such a right must come from statutes and that he does not find in them either directly or by sufficient implication such a right given to women.

Detroit, Mich. The assistant corporation counsel has given his opinion that schools cannot be taxed for special paving assessments or for any other purposes and that paving charges must be taken out of other funds. He holds, too, that a mechanic's lien cannot be placed against schools or any other public property.

South Carolina. State Superintendent Martin decided that school book companies selling books to county superintendents as required by the State contract, do so on credit at their own risk. The contract requires cash with the order.

## Transportation of Pupils.

Maine. The statutes of the State contain a provision for the transportation of pupils living at long distances from the schools as follows: "The superintendent of schools in each town shall procure the conveyance of all public school pupils residing in his town, a part or the whole of the distance to and from the nearest suitable schoolhouse, for the number of weeks for which schools are maintained in each year when such pupils reside at such a distance from the said school as in the judgment of the superintending school committee shall render such conveyance necessary."

## Corporal Punishment.

Auburn, Me. For a second time courts in Maine have decided that a school teacher has a right to inflict bodily punishment on an unruly pupil. The reiterated verdict was given by a jury in the Supreme Court in a case where the father of a fourteen-year-old pupil sought to recover \$1,000 damages by the boy at the hands of the defendant. In instructing the jury, Judge Savage said: "A schoolmaster has the right to inflict reasonable corporal punishment."

## Back Salary Suits.

Brooklyn, N. Y. Twenty-eight hundred suits, in which Brooklyn school teachers are named as plaintiffs, and the board of education as defendant, involving the recovery of approximately \$300,000, have been begun simultaneously in the Supreme Court. The separate schedules and complaints, in each of the 2,800 cases, represent six months' work. The suits grow out of the claims of the Brooklyn teachers under the Pet-

tingill schedule of salaries, and under the recent decision of the Court of Appeals, in the case of Walter B. Gunnison, and three others, there is every reason to believe that every one of the 2,800 suits will be successful. The judgments, if awarded, will have to be paid out of the funds for 1899, with interest at 6 per cent.

## NEW RULES AND REGULATIONS.

Lynn, Mass. The board has passed a rule by which janitors are retired at the age of seventy.

Washington, D. C. The board has adopted rules against high school athletics and designates football as "manslaughter in the name of athletics."

Fort Fairfield, Me. A proposition is under consideration by the senior high school class to inaugurate a new departure at commencement in June. The proposition is to omit the formal graduating exercises and in its stead for the class to take a trip to Boston, accompanied by teachers, and other friends, who can take the pupils to places of interest and give information in regard to same.

Lincoln, Nebr. The new rule on corporal punishment reads as follows: "Corporal punishment shall be avoided when obedience may be obtained by milder measures, but the right to inflict such punishment shall be vested in the principal who shall determine the manner in which said punishment shall be given. The principal may delegate the right to inflict corporal punishment to the teacher when deemed advisable. Striking the face and hands is strictly forbidden. Placing hands upon pupils in any manner for the purpose of punishment shall be considered corporal punishment. Whenever possible the co-operation of the parent should be secured."

Reading, Pa. Supt. Foos has adopted a new plan for dealing with persistent misconduct on the part of pupils. Pupils who are suspended must report at once at the superintendent's office. If they do not, they are looked up by the attendant officer and brought to the office. Instead of being granted a short vacation and then an order to return, they are compelled to do their work in the office for a day or two, or, if necessary, for three days, depending upon the nature of the offence. Teachers report that this plan has done considerable to minimize disobedience, insolence and insubordination.

Menominee, Mich. The school board have taken the initiative in enforcing the law which makes it a felony for merchants to sell cigarettes or tobacco to minors.

## CENTRALIZED BOARDS.

The state of Ohio is just now trying to enact a school code that shall apply to all the cities, villages and townships as far as school boards are concerned.

In many localities the Cleveland plan where one school director who is elected by popular vote appoints the superintendent and becomes a sort of an American Czar, is advocated. On this plan a Toledo editor expresses himself as follows:

The introduction of a bill for the Cleveland school plan into the legislature ought to make the rural and village population of the state somewhat anxious. The position of members of the school board in township, village and in the smaller city districts, not to say generally, carries with it a good deal of honor and not a little responsibility, which the country school directors have discharged for the most part with admirable fidelity and pride. The Cleveland school plan reduces board members to mere nonentities.

It is speciously urged by the backers of this scheme that their proposed code is but a copy of the prevailing city organization, with the board acting as council and the school director



F. LOUIS SOLDAN.  
Superintendent of Schools, St. Louis, Mo.  
The World's Fair City.

as mayor. There is, however, almost no strictly legislative work for a school board to perform.

What is there left to do after it has hired the teachers and employes, bought supplies and kept up repairs on the buildings? Yet the vicious Cleveland plan gives the director power to appoint the superintendent, and through him the teachers, to choose all the other employes, to purchase all supplies and make all improvements. The board, under the plan at Cleveland, simply votes on directors' appointments, arranges the positions, fixes the compensation and ratifies the contracts.

The pure legislation that it has to do is practically incidental to its executive duties proposed. This director is chosen by the people, and is higher in authority than board members. He combines nearly all the functions that have hitherto been discharged by the boards themselves.

It is, perhaps, desirable that the school boards should have an executive officer to perform their business duties, as they have a superintendent to look after the educational part. But why not let the board choose its own superintendent and business manager? What's the use of saddling another expensive official on the school districts of the state? We do not need both a board of education and the director, nor do we want figurehead board members.



Mathematics.

Maid—The professor looks so thoughtful! Is he calculating the approach of the next comet?

His Wife—No; he has a more difficult problem than that. He's trying to figure out what he did with the change of a five dollar bill.

Somerville city council escapes.

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# Fire Protection.



## School Authorities take action to protect lives of pupils and teachers.

paratus for the successful introduction of fire drills, will be purchased.

Marion, O. The schools are emptied at from one to three minutes by a fire drill system. Fire escapes for the schools will be provided.

Milwaukee. The state factory inspector has stated that the schools must be provided with fire escapes.

Binghamton, N. Y. The board is considering the proposition of placing a fire alarm box in every school building in the city.

Burlington, Ia. The high school building will be provided with fire escapes.

Tacoma, Wash. The board is beginning to realize that no more frame buildings must be erected, and that the new schools must be either fire-proof or of slow burning construction.

Chicago. The board of education recommended the following rules for fire drills in schools:

In every school a regular formation should be used at each dismissal such as is used in fire drill.

Pupils should be dismissed by way of nearest stairway, and only pupils on first floor by center staircase, to avoid possible injury to smaller pupils.

Signals of bells shall be provided which shall be understood by teachers in case of emergency fire.

In case either of the stairways is obstructed the signal shall be such as to inform teachers of that fact, so that pupils may be directed to other stairways.

Drill not to be used in bad weather for fear of exposure of health of children.

Nevada, Ill. Fire drills have been ordered.

Washington, D. C. Wooden stairways will be replaced with iron and stone in all two or more storied school buildings.

Marquette, Mich. Two Kirker-Bender fire escapes manufactured by the Dow Wire Works of Louisville, Ky., have been ordered purchased for the Division Street school building.

All interior doors, i. e., those of school-rooms, class-rooms and cloak-rooms shall not only be unlocked, but open during the school sessions.

Janitors should be required to burn promptly all waste paper and to exercise great care in the storage of oils and other inflammable materials.

Schenectady, N. Y. The fire department has notified the school board that fire-escapes must be provided for several of the school buildings.

Keokuk, Ia. The board will take vigorous measures for protection of the school children against fire. Fire-escapes will be provided for the various schools of the city.

Washington, D. C. The school board has requested the district commissioner for \$80,000 with which to replace wooden stairways in the schools with iron or stone stairs.

Toronto, Can. The public school board has recommended to the council that a fire alarm

box and fire hose be installed in every school.

Somerville, Mass. An order has been passed calling for fire-escapes in five schools.

Atlantic City, N. J. The school board will provide the high school with fire-escapes.

Santa Clara, Cal. Fire drills are to be established.

New Britain, Conn. Fire drills will be introduced in the grammar school.

Chicago, Ill. All public schools more than two stories high erected in the future will be made fireproof. This decision was reached recently by the board of education, and new schools therefore will be of iron and steel construction, with fireproof walls, stairs and floors.

The board also concurred in the appropriation of \$8,000 for spiral fire-escapes for eight of the old buildings.

Somerville, Mass. The school committee has asked the city government to provide fire-escapes for each of the nine three-storied schools.

### FIRE DRILLS IN BOSTON.

Soon after the Chicago theatre fire Superintendent Seaver issued an order to the principals of the various schools that a special fire drill be instituted and a note made of the exact time that it took to empty and to fill their respective buildings.

Following is the list of the high and grammar schools, with the time required to clear and to fill them, the figures of the first column representing minutes in the former, the second column the latter:

Public Latin.....	2	3	Geo. Putnam.....	2	2
Girls' Latin.....	1½	2	Gilbert Stuart.....	4	3
Brighton High.....	2	2	Hancock.....	2	3½
Ch. High.....	1	2	Harvard.....	2½	4
Dor. High.....	2	3	H. L. Pierce.....	1½	2½
E. B. High.....	2	4	Hugh O'Brien.....	3½	3
English High.....	1	3	Hyde.....	3	4
Girls' High.....	3	4	J. A. Andrew.....	2	5
Mech. A. High.....	2	4	Lawrence.....	2½	3
Roxbury High.....	2	3½	Lewis.....	2	3½
S. B. High.....	1½	2	Lincoln.....	2½	3½
W. Rox. High.....	2	3	Longfellow.....	3½	3
Adams.....	4	5	Lowell.....	1½	2
Agassiz.....	2½	5	Lyman.....	2½	3
Bennett.....	2	2	Martin.....	1	1½
Bigelow.....	2½	3½	M. Hemenway.....	2	2½
Bowditch.....	4	2½	Mather.....	3	3
Bowdoin.....	5½	5	Minot.....	1½	2½
Brimmer.....	3	4	Norcross.....	2	2½
Bunker Hill.....	2½	3	Phillips.....	4	5
Chapman.....	2½	2½	P. Brooks.....	3	3
Chas. Sumner.....	1½	2½	Prescott.....	2	2½
Chris. Gibson.....	2½	4	Prince.....	2	6
Comins.....	2	4	Rice.....	2½	2½
Dearborn.....	3	4	R. G. Shaw.....	1½	2½
Dillaway.....	2½	6	Sherwin.....	3½	3
Dudley.....	3	4	Shurtleff.....	1½	2
Dwight.....	4	5	T. N. Hart.....	1½	2
Edw. Everett.....	2	3	Roger Wolcott.....	2½	2½
Elliot.....	2	3½	Warren.....	3	3½
Emerson.....	2	2½	Wash. Allston.....	3½	3½
Everett.....	2½	4	Wells.....	4	4
Franklin.....	3	3½	W. E. Russell.....	4½	4
Frothingham.....	2	3	Winthrop.....	3½	3
Gaston.....	1½	1½	Horace Mann.....	2	2

\* Out and back. † This is a large school.

Superintendent Seaver is now interesting himself in the specific rules that go to make up the individual codes operative at each school for the conduct of scholars in case of fire. It is apparent that no general code can be mapped out for universal use, largely because of the difference in local conditions.

Somerville, Mass. The board has asked the city council to provide all schoolhouses with fire escapes.

Newburyport, Mass. The city has suffered two schoolhouse fires this winter. Upon Supt. Lunt's recommendation the board will investigate the safety of all school buildings.

Springfield, Mass. The board voted to institute fire drills.

Marquette, Mich. The board has ordered fire escapes, of the iron stairway type, for the schools.

Philadelphia, Pa. Many of the schoolhouses are defective and the board will expend a large sum of money to make them safe against loss of life in case of fire.

Evanston, Ill. The council fire investigating committee has ordered six fire escapes for the township high school.

Bangor, Me. The board has decided that fire drills be given at least once in ten days.

Brocton, Mass. An order passed by the board provides fire escapes for the schools, with hose on each floor of the building, and also that standpipes with hose be placed on each floor of the building, where they will be accessible in case of fire.

Boston, Mass. Contract for fire escapes for schools was awarded to the Builders' Iron & Steel Co. at \$9,943.

Chicago. The fire drills have been revived in all the schools. "Panic Cure" is the new name given the system.

Owatonna, Minn. The school for dependent children, recently destroyed by fire, will be rebuilt in fireproof construction.

Petoskey, Mich. Gongs and the necessary ap-

## OHIO SCHOOL BOARD CONVENTION.

The annual meeting of the Ohio State Association of School Board Members, held in Columbus on February 18 and 19, was devoted almost entirely to the consideration of a new school code, a matter of supreme interest to all Ohio school men just now.

The chief point of controversy in the discussion of codes centers upon the number of members in the boards of education and the manner of electing them. Cleveland is in favor of a small board and an election at large, while Cincinnati is holding out for a large board with election by wards. The Harrison bill, in which School Commissioner Bonebrake is largely interested, seems to be in the lead and was the principal one discussed. It provides that the boards in city school districts shall consist of one member elected from each ward and three elected at large, while the boards in village, township and special school districts shall consist of five members elected at large.

Owing to the absence of Mayor Jeffrey, Attorney George S. Marshall of the city department of law welcomed the association to the city and expressed the hope that the association, being composed of school men familiar with the problems to be solved in drafting a code, would be instrumental in securing for the state the best code for all departments of education.

President John P. Dugan, of Springfield, who was to have delivered the opening address, said that he had prepared no formal speech and would not take the time of the association until the discussions were opened, when he expected to have something to say.

Hon. L. D. Bonebrake, State School Commissioner, opened the program proper with his talk on "The Definition and Classification of School Districts." Mr. Bonebrake confessed that he was largely interested in the success of the Harrison bill now pending in the house, having been instrumental in devising the plan, embodied in the bill.

The bill, he said, provides for the classification of school districts into city school districts, village school districts, township school districts, and special school districts. He outlined the plan of classification in the other bills and gave his reasons for supporting the Harrison plan, and at the conclusion of his remarks the convention unanimously decided to recommend to the legislature that the definition and classification of the Harrison bill be embodied in whatever bill might be passed.

Hon. D. L. Gaskill, of Greenville, who followed in his talk on "Boards of Education—How Constituted," said, "I do not believe that the Harrison bill with its present method of electing board members will become a law. It does contain, however, many features that any bill must have to be passed."

"In framing a new code it should be the duty of the legislature to disturb as little as possible the present system. It has taken Ohio cities years to develop these systems, and I fear that nothing but harm could result from forcing them to accept a radical change. Contrary to the decision of the state supreme court I believe that the optional plan is constitutional and in this opinion I am sustained by some of the best legal talent in the country."

"In regard to compensating members of boards of education, I am utterly opposed to it. Even the most insignificant salaries would cost the state over \$100,000 annually, and for what we are now getting for absolutely nothing. There are some things a man should be glad to do for nothing. I have served on a board for eight years without compensation. If paid, my

services would not have been any better, and it is doubtful whether they would have been as good. It is the only public position I ever held in which I felt any honor in holding it, and when compensation comes to members of school boards, count me off the board of education."

In the discussion which followed, Mr. J. G. O'Connell, of Cincinnati, made a short talk in favor of the ward plan of electing board members. He said that public schools were strictly local institutions; that they gathered the boys and girls of one neighborhood together, and naturally the people should want some one in the neighborhood to particularly look after the schools for them.

Hon. John L. Locke, of Cambridge, O., being absent from the meeting, Hon. T. J. Godfrey, of Celina, was asked to speak on his topic, "Powers and Duties of Boards of Education." He said, "I certainly do not believe in increasing the power of school boards, as they are almost autocratic now, having final jurisdiction in many things. I am not in favor of large boards, for I believe that the smaller the board the better their service, and I believe that in electing the members by wards you will be more likely to run up against more little 8 by 10 fellows that you wouldn't hear of if the election were at large. They would be too small to run. I am in favor of keeping the secretaryship and treasurer'ship strictly in the board. I would not give the superintendent power to elect or hire teachers nor make him a member of the board."

Martin A. Gemuender, of Columbus, and W. G. Haeussler, of Dayton, in discussing the school levies, declared for the divorcement of levies from the state, leaving each county to make its own levy. Both favored the bonding of permanent improvements that burdens might come equitably upon the beneficiaries.

At the Friday morning session, D. O. French, of Oxford, was to have read a paper on "The Legal Rights and Duties of Superintendents," but was not present, and B. Schlesinger, of Xenia, was asked to discuss the topic. He said, "I believe that the power of a superintendent should not be absolute, but I believe that it should not be possible to put in a teacher against the wishes of the superintendent, nor should he be able to elect a teacher without the approval of the board. The board should not appoint a teacher without previous nomination by the superintendent. In all matters, such as the appointment and removal of teachers, and the selection of text-books, I believe that the superintendent should take the initiative, but I would not give him final jurisdiction."

President Alston Ellis, of Ohio University, said, "If the proper relation exists between the superintendent and members of the board there will be no possible room for disagreement. I believe that the superintendent should select all teachers."

E. B. Cox, of Xenia, said, "I would place upon the superintendent a great deal of responsibility, therefore I should favor giving him large powers. I believe that it is for the board of education to decide upon the style of educational system, but as soon as that is decided the superintendent should be charged with its success."

Dr. Long, of Dayton, said that in making the superintendent the center of power you made him a political boss.

Professor Major, of the State University, made two points in his talk, first, that the superintendent should be a collegean and a co-worker of the board of education, and second, that the superintendent, by reason of his training, ought to be better prepared to take the initiative in school matters.



O. J. NEEDHAM.

President Ohio State Association of School Boards.  
Dayton, Ohio.

John S. Weaver, of Springfield, was called upon to discuss the topic, "Uniform Examination Questions for Teachers," which was to have been handled by J. J. Stoddart, of Columbus. He said, "There should be more uniformity in grading certificates to teachers, and I should favor some central authority in the state governing the examination of teachers, dispensing with some of the absurd and unnecessary questions asked by the county examiners, and making the state school system stable and uniform."

In his paper on "The Minimum Salary of Teachers," A. B. Graham, of Springfield, said, "Our county and township schools need a better teaching force, and the reason they do is because we do not pay them enough salaries. \$35 a month is the average salary paid county teachers in the state for only 31 weeks of work. It is not enough to keep a family, and self-preservation demands that the teacher seek another line of work. At such a salary no man or woman would make teaching a profession, but merely use it as a stepping-stone to something else. The provision of a minimum salary is a means to an end. In Vinton, Gallia and other counties in the southern part of the state the average salary paid teachers is less than \$30 a month, and Ohio has 46 counties that pay less than \$35 a month for men and \$33 for women. The men who cart away the refuse in Springfield are better paid than the men and women who are teaching the school children of Springfield. Men who sweep the street receive larger salaries than teachers in the township schools of Clarke County. You will help solve the question if you pay the teachers sufficient salaries to encourage bright men and women to make school teaching their profession."

The election of officers, which was held immediately before adjourning, resulted as follows: President, O. J. Needham, Dayton; first vice-president, Williams Burns, Coshocton; second vice-president, Dr. Prine, Piqua; secretary, J. A. Williams, Columbus; executive committee, B. Schlesinger, Xenia; R. R. Cox, Steubenville; H. S. Prophet, Lima; George W. Harper, Cincinnati; F. J. Godfrey, Celina, and J. W. Swaidner, Springfield.

The following legislative committee was named to look after the interests of the association with the legislature: D. L. Gaskill, Greenville; Thomas Boutall, Cleveland; Dr. J. H. McCassey, Dayton; Dr. Frost, Lebanon, and F. J. Heer, Columbus.

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# THE ATLANTA MEETING.

BY WM. GEO. BRUCE.

The Atlanta meeting will long be remembered as a most useful one as well as a most enjoyable one. The program makers had built better than they knew, the local authorities manifested greater thoughtfulness than was expected and the weather man greater judgment and geniality than he is usually capable of. It was a delightful season of schools, strawberries and sunshine.

The Georgian was on hand. His soft dialect and his fluent yet attractive disregard for consonants were in the air. He was at his best. He pleased the Northern eye, charmed the Northern ear and touched the Northern heart.

The Georgian loves his ancestry, his kin and his state. He says, "I am a Georgian," with the pride and dignity of a medieval monarch who says, "I am the Emperor." He speaks with pride of his great state, with enthusiasm of its distinguished men, with reverence of its illustrious dead.

What a lesson in civic pride, love for native soil and in ardent patriotism! Who in the North Central states would ever be prompted to say with genuine pride, "I am a Minnesotan," or "I am a Michigander." The Wisconsin man would not know whether to style himself a Wisconsiner or a Wisconsinian. How prosy we of the frigid North!

Atlanta is historic, hilly, hospitable and hustling. It is not only the Chicago of the South in skyscrapers and thrift, but it is also the New York of the South in cleanliness, dignity and elegance. Its Peach Tree Street is justly famous not only for its story of the past but also for its present beauty.

## The Program and Meetings.

But, let us attend the meetings. These were held at the Grand Opera House within a stone's throw of the Piedmont Hotel, the executive headquarters. President Emerson had prepared an exceptional program, had secured uniformly able speakers, and presided with dignity and celerity.

Spelling reform occupied the center of the stage in anticipation and proved the shortest act in the performance. It came to the foreground in the form of a report recommending the appointment of a committee of thirty and the appropriation of \$10,000 for its exploitation.

Among the combatants was John McDonald, of Topeka, Kan., who, in a short but brilliant speech, replete with biblical quotations of the most apt sort, and humorously as well as sarcastically applied, attacked the proposed reform and its champions. There was also Reuben Post Halleck, who in a terse logical and argumentative fashion punctured the proposition to change the present mode of English spelling. E. O. Vaile defended the resolution and won the day in its adoption.

Henry M. Leipsizer won considerable praise for a paper on "Adult Education as Illustrated by the Free Lecture System of New York City." An address on "What Omissions are Advisable in the Present Course of Study and What Should be the Basis for the Same," by Frank M. McMurry, commanded considerable attention and was pronounced timely and able.

## Attendants and Absentees.

Among the distinguished educators present were the following: Wm. T. Harris, Charles De Garmo, F. Louis Soldan, E. G. Cooley, Calvin N. Kendall, Carroll G. Pearse, Edwin P. Seaver, Wm. H. Maxwell, Andrew B. Blodgett, L. D. Harvey, G. R. Glenn, Jas. H. Van Sickle,

Reuben Post Halleck, W. C. Martindale, Henry P. Emerson, E. H. Mark, Warren Easton, A. S. Downing, Charles W. Dabney, Thomas M. Balliet, W. W. Stetson, Delos Fall, Nathan C. Schaeffer, J. M. Rice, A. F. Nightingale, W. H. Elson, R. E. Denfeld, Chas. E. Chadsey, Lloyd E. Wolf, J. W. Carr, J. A. Shawan, J. H. Phillips, R. H. Halsey, etc.

Among the notable absentees were Nicholas Murray Butler, Charles M. Skinner, Aaron Gove, Jas. M. Greenwood, Jas. A. Foshay, Chas. W. Cole, Edwin A. Alderman, Albert G. Lane, J. F. Millsbaugh, J. H. Collins, Frank B. Cooper, Chas. M. Jordan, L. C. Greenlee, W. E. Griffith, Chas. E. Gorton, Dr. Wm. Brooks, Charles S. Foos and Wm. N. Sheats.

## Atlanta Hospitality.

The entertainment offered by the citizens was abundant and delightful. Receptions were given by the governor of the state and by the Capitol City Club.

Col. Robt. Lowry, a prominent banker, invited a party of ten to a tally-ho ride about the city and dined them at the Piedmont Club. The party consisted of Messrs. Wm. H. Maxwell, W. W. Stetson, Irwin Shepard, Carroll G. Pearse, Major W. F. Slaton, Charles W. Dabney, Henry P. Emerson, Calvin N. Kendall and Wm. Geo. Bruce. Col. Lowry proved himself a charming entertainer.

One of the interesting incidences of the Lowry dinner was a chat between Supt. W. F. Slaton, of Atlanta, and Secretary Irwin Shepard, in which it developed that the two men had served in opposing armies during the War of the Rebellion. Dr. Shepard served as a Union soldier with special distinction accorded by Congress. Major Slaton served in the Confederate army. The two men fought in opposite trenches at the battle of Vicksburg.

Another Dr. Harris made his appearance at the meeting. He is the superintendent at Key West, Fla., and attracted considerable attention in the hotel lobby and at the meetings. While he still wears the gray uniform of a Confederate soldier he proved himself a conciliatory, courteous Southern gentleman. He is tall, grizzly, of military gait and of interesting manner. Every one who came in contact with him was charmed by his rich humor and bright repartee.

## The Executive Headquarters.

The Piedmont Hotel, where the association's executive headquarters were located, proved to be admirably well adapted for convention purposes. The lobby is spacious, with pillars and walls of Georgia white marble and has a south front. The lobby opens on the east to the parlor or drawing room, which is even more spacious, and on the west into a luxuriantly furnished dining room. There is, probably, no other hotel in the United States equally well adapted for conventions.

Among the usual features at the hotels was Bruce's Bulletin, which made its appearance at noon each day during the meeting. It recorded the names of over six hundred in attendance, and its helpfulness was duly appreciated by the members.

The press, owing perhaps to the crowding of Russo-Japan war news, did not devote the space usually accorded to the transactions of the Department of Superintendence in other cities.

## The Officers-Elect.

The following officers were elected for the ensuing year:

President, Edwin G. Cooley, Chicago.



SUPT. E. G. COOLEY.  
President Department of Superintendence,  
Chicago, Ill.

First vice-president, Lawton B. Evans, Augusta, Ga.

Second vice-president, J. W. Carr, Anderson, Ind.

Secretary, Miss Evangeline E. Whitney, New York.

The Hon. Hoke Smith, who was to have greeted the visitors, did not make his appearance owing to illness. Hon. Clark Howell, the distinguished editor of the Atlanta Constitution, manifested a deep interest and frequently noted in the hotel lobbies during the week.

In passing it may be noted that Cleveland was the one large city which became conspicuous by its absence. The city that claims a model system of school administration surely ought to keep in immediate touch with the educational progress and effort of the day. Its non-representation was frequently commented upon in the lobbies.

## Next Year's Meeting Place.

The selection for next year's meeting place promised a solution without contest. When Supt. Siefert invited the Department to Milwaukee and somewhat tired the audience with undesirable detail regarding his city's school system, he was confronted by Supt. Shawan, who extended an invitation on behalf of Columbus, O. The latter invitation was seconded by Supt. Maxwell, of New York, with a sarcastic yet witty allusion to Milwaukee. Speeches by State Superintendent Cary, of Wisconsin, and Wm. Geo. Bruce, urging an acceptance of the Milwaukee invitation followed, with the result that Columbus received 58 votes and Milwaukee 110 votes.

Among the local celebrities who were seen daily was Prof. G. R. Glenn, who has been described as the Henry Barnard of the South by Dr. Wm. T. Harris. Mr. Glenn has retired from the state superintendency and will henceforth devote his time to institute and lecture work.

The local arrangements were in the immediate charge of Mr. E. N. Burns, a member of the Atlanta school board, who was untiring in his efforts to aid the officers of the Department in expediting their work and in looking after the comfort and convenience of the visitors.

Maj. W. F. Slaton, the superintendent, carried out every promise he had made when he invited the association one year ago. For once southern eloquence and promise was followed by a fulsome and most gratifying performance.

# Among Boards of Education

Sound Beach, Conn. "Although not helping the coming generation to come, I am always willing to help boost it after it has come," said a young woman school board member, unmarried, in urging progressive school administration and women school board members. "If God and one man are a majority, what must God, one man and a lot of women be?"

Waterbury, Conn. The school board has decided to leave the question of retaining the vertical system of writing in the schools to the factory owners.

Boston, Mass. The board has forbidden the teachers in the schools to chew gum.

Massachusetts. An interesting statement is made in the report of the state board of education that the ranks of the school teachers in Massachusetts are getting overcrowded on account of the prevalent notion that teaching ranks higher in the school scale than any industrial pursuit; hence the profession of teaching is sought, not for its own sake nor for the employment it can give, but for the social status it is supposed to confer.

Philadelphia, Pa. The system of sectional school boards, one in each ward, is again showing its short comings. The sum of \$75,000 was recently awarded by the city council for school repairs. As soon as the central board of education tried to find an equitable plan for the use of the funds available for immediate use, sectional jealousy and favoritism cropped up to complicate the problem. None of the sections which had been given special sums, ranging from \$2,500 to \$10,000 each, was willing to yield to the less fortunate sections. This whole squabble over the distribution of the appropriation illustrates afresh the handicap which the sectional system places upon the efficient management of the public schools.

Cleveland, O. Dr. L. K. Baker, the supervisor of school hygiene, will urge legislation for the sanitary improvement of the schools of the state.

Worcester, Mass. President Hall advocates a school board of eleven members elected at large. A leading citizen says: "Raise the number of the school committee to 200 rather than cut it down to nine or any number smaller than it is now. Why? Because it is easier to fool nine men than it is 200. The past history of the school board shows that owing to the smallness of its number, two or three narrow men have injured it."

Chicago, Ill. A school official recently said: "We ask visitors to admire our public school buildings, built to look like heaven and burn like hell."

A Vermont school official recently said: "It

is as unnatural for some children to learn the books as for an apple tree to bear pumpkins or a cucumber vine to produce roses. It is all bosh to drive some boys through the arithmetic at public expense."

New York City. Portable or temporary school buildings are objected to by an educational association. "Our experience has been," said the spokesman, "that buildings temporary erected for school purposes always become permanent ones."

Grand Rapids, Mich. The stamp savings system for conducting the school savings bank is not a success. The Thiry system will be introduced.

Farmington, Me. The principal of the high school ruled that pupils must wear rubber heels and the board sustained him.

Harrisburg, Pa. A resolution by the board forbids the exchange of presents in the school-room between teachers and pupils. Such exchange has been found to become so prevalent as to be almost an abuse in some sections and some cities abolished it several years ago. Children of parents in moderate circumstances often undergo more or less deprivation in order to follow the example set by those of more well-to-do parents and the effect has anything but a good influence upon the pupil's character.

Racine, Wis. The board is trying to solve the "dull pupil" problem and will in all probability employ two extra teachers for this work.

Milwaukee, Wis. It is proposed to inaugurate a system of instructing teachers in the first principles of sight testing and then to provide treatment for those whose eyes are found to be defective.

Cincinnati. The principals propose the following for the new school code:

1. The board of education should consist of one member from each ward, elected by the ward.

2. The superintendent should be elected by the board of education for a term of not less than two nor more than five years.

3. The teachers should be appointed by the superintendent subject to approval by the board of education.

4. The first appointment of a teacher should be for one year, the second for two years and the third for four years. After serving seven successive years teachers shall, when appointed, hold their positions until removed by resignation or by the superintendent.

5. Teachers shall not be removed by superintendent except for cause, which cause shall be made to the board of education in writing, and shall be heard and passed upon by said board.

6. The word teacher as used in 3, 4 and 5 shall include assistant superintendents, supervisors of departments and principals of schools.

7. A just portion of the taxes collected on the general duplicate should be set aside for the pension fund for teachers.

8. All deductions from salaries of teachers for absence, fines or other causes should be paid into the pension fund.

9. The minimum salaries of teachers should be \$40 per month.

10. The minimum school year should be six months of actual school.

11. The minimum levy for school purposes should be 5 mills and the maximum 9 mills, in addition to which there should be a sufficient levy to meet interest on indebtedness.

12. The state school fund should be distributed to schools only after the maximum levy has been made and found insufficient to conduct schools as provided in 9 and 10. The remainder of the state fund should be returned to the counties in the same proportion that they paid into the fund.

13. A probationary certificate valid for two years should be granted graduates of the state normal schools, such certificates to be valid throughout the state.

14. All certificates granted by city or county boards should be renewed by issuing certificates of the same grade, provided the applicant has taught five successive years in said city or county.

Atlantic City, N. J. The new compulsory attendance rule for teachers at institutes requires that each teacher keep a record of attendance for each session, including evening lectures, and certify that the record is correct.

Meriden, Conn. The school board has declared itself against the employing of married women as teachers. The rule is not to apply to those married teachers already employed.

A legislative measure in Iowa proposes to admit pupils from the rural schools who have obtained a certain proficiency in their studies into any high school in the State without exacting a tuition fee. The cost of tuition is to be charged against the district from which the pupil comes.

New York. The legislature is expected to enact a measure by which the regents' department and the State superintendency will be consolidated. It is believed that the latter department will be abolished altogether and the number of regents reduced.

## SCHOOL BOARD CONVENTIONS.

The School Board Section of the Minnesota Educational Association has elected the following officers: President, R. Hodges, Sleepy Eye; secretary, James H. Sharp, Moorhead.

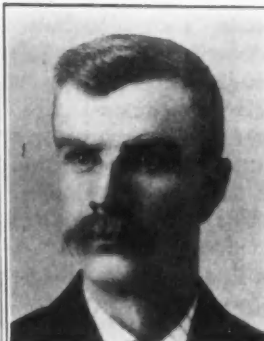
Pennsylvania. The Dauphin County School Directors elected the following officers: President, A. H. Reider, Hummelstown; first vice-president, Newton Durbin; second vice-president, J. H. Reigle; secretary, James A. Bell, Harrisburg; treasurer, D. A. Peters, Harrisburg.



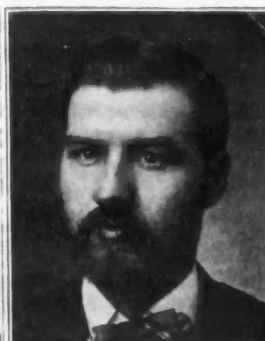
C. A. BENNETT,  
President School Board,  
Granite Falls, Minn.



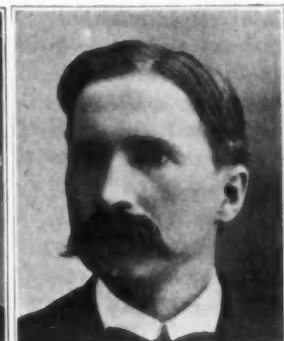
C. H. CASEY,  
Clerk School Dist. No. 24,  
Jordan, Minn.



G. A. EATON,  
President School Board,  
Princeton, Minn.



JOS. A. GATES, M. D.,  
Pres. Board of Education,  
Kenyon, Minn.



CARLOS AVERY,  
Secretary Board of Education,  
Hutchinson, Minn.



I. J. COLLINS,  
President School Board,  
Frazee, Minn.

MINNESOTA SCHOOL BOARD PRESIDENTS.



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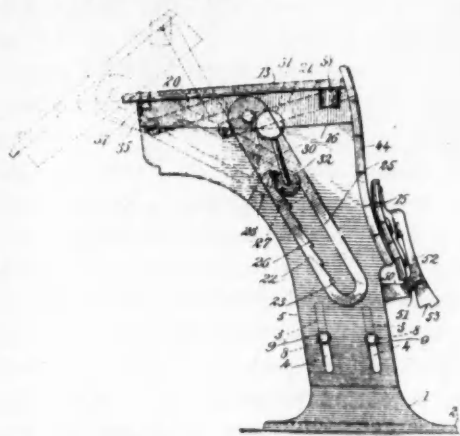
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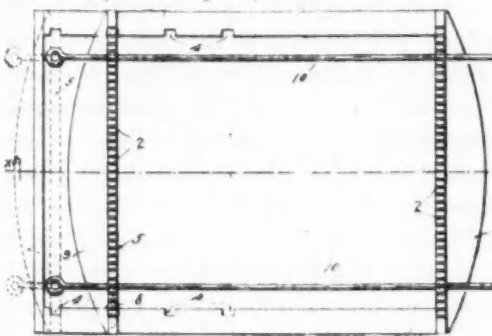
# RECENT PATENTS SCHOOL SUPPLIES AND EQUIPMENT.

Combined School Seat and Desk. Jesse H. Sutherland, Dawkins, Colo.



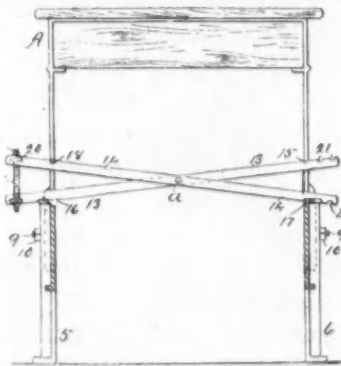
A school desk comprising vertical side portions, an auxiliary top having an opening therein, and provided on its under side with flanges, links movably connecting said flanges with said side portions, duplicate arms each having a slot therein, and secured at their upper ends to the flanges, each arm also having teeth on the forward edge of its slot, movable dogs working in these slots, and adapted to engage said teeth, a weighted rocking bar connecting said cams, and a receptacle for an ink well pivotally suspended at opposite sides of said opening, the upper extremity of each of said slots being at an angle to the rearward edge thereof, and each of said cams being flattened on its upper side.

Kindergarten Loom. Martha P. Todd and Dana Todd, Minneapolis, Minn.



The combination with a loom-frame of an adjustable warp-supporting bar having at one end a movable detent for locking the same to one side of the said frame, and means for securing the other end of the said adjustable bar to the opposite side of the loom-frame.

School Desk. John F. Field, Chicago, Ill.



A portable attachment for adjusting the elevation of combination desk and seat structures, comprising a pair of levers pivoted together near

their longitudinal center in a crossed position, a screw-rod, and means for securing said screw-rod to the adjacent ends of said levers, whereby the respective ends of the levers may be expanded or contracted in accordance with the direction in which the screw-rod is turned.

## SCHOOL SUPPLIES.

Newburyport, Mass. Dr. Day of the board condemns slates and recommends paper pads instead.

Milbury, Mass. At a recent meeting of the board the Wills Warming and Ventilating system was severely condemned.

Chicago. The Atlas School Supply Co. has been organized with a capital of \$15,000. The incorporators are Albert N. Eastman, Frank White and Harold F. White.

Marblehead, Mass. The slating in the new schoolhouse is being supplied by Thomas Finnock of Salem.

Providence, R. I. The Smead system of heating and ventilation was severely scored recently by the board.

Columbus, O. The schools are furnished with distilled water. This is delivered in barrels daily.

E. H. Sheldon & Co., the firm making manual training benches and supplies, is located at Evanston, Ill.

La Crosse, Wis. The district school boards of La Crosse, Vernon and Monroe counties have, it is alleged, been swindled out of \$50,000, notes for which have been deposited in several banks in the counties named. Persons representing themselves as agents of a Chicago concern took additional contracts for books and other school supplies. The conditions were on one end of each document and shortly after the contracts were entered into it the papers turned up at the banks as notes, the conditions having been torn off. The agents have disappeared.

Wisconsin. State Superintendent Cary is warning school officials against dealing with men representing as agents for the National Educational Union of Chicago.

The plaster casts for drawing and modeling manufactured by the C. Hennecke Co. of Milwaukee, Wis., is perhaps the most serviceable goods of their kind in the matter. The reputation they have won in educational circles is fully deserved.

James L. Foote, the slate man of Slatington, Pa., has sent to his patrons a fine map, showing a map of the new Republic of Panama. The map is most interesting at this time as it shows the location of the prospective Panama canal.

Chicago. All high school principals were appointed inspectors of corned beef hash, apple pie, doughnuts, and other edibles dispensed to children in courses at 7 or 11 cents a meal. The board of education committee ordered an inspection at least once each month of the school lunchrooms.

Detroit. An item of \$5,078.00 for telephones appears in the annual school budget.

Boyertown, Pa. The contract for ink wells was awarded to the American School Furniture Company.

The Favorite School Desk Co. of Cleveland, is a continuation of the old Favorite Desk Seating Co., the pioneers in the manufacture of the veneer desk. The principal desk made by the company is the Favorite Standard Desk. Mr. M. W. Bechtel is the treasurer and manager.

San Jose, Cal. A Fox typewriter has been purchased for the commercial department in the high school.

Mr. Curtis M. Harding represents the Joseph Dixon Crucible Co. in the western field with headquarters at 1324 Monadnock building, Chicago.

(Continued on Subsequent Pages.)



## NEW KENTUCKY TEXT BOOK LAW.

Shorn of its technical language, the new text book law reads as follows:

The School Book Commission shall be composed of the Governor, the Auditor of Public Accounts, State Treasurer and three members of the State Board of Education. The Governor shall be Chairman, and the Superintendent of Public Instruction shall be Secretary and executive officer. The Commissioners shall serve without compensation, taking an oath that they receive no benefit from any contract.

The commission shall receive sealed bids for books from publishers for five years, stating prices at which books can be furnished the State or any County Board of Education.

A County School Book Commission, consisting of the County Superintendent of Public Instruction, County Judge and County Attorney.

The State School Book Commission shall open bids and transmit a list to the County Boards. The County Boards shall convene at a day designated and select books for the various branches, forwarding their choice to Frankfort, filing a copy of the list of record with the County Superintendent of Public Instruction. When all counties have reported, the Commissioners at Frankfort shall meet at the call of the Secretary and canvass the reports as election returns are canvassed, adopting each book which is shown to have received the sanction of a majority of the County Boards. The system of books thus adopted shall be used in every county in the State for five years.

## VERTICAL OR SLANT SYSTEM.

Tacoma, Wash. Opposition to the vertical system of penmanship reappears at occasional intervals in spite of the fact that the pupils are doing good work with it. Lately communications were sent to the Board of Education demanding a return to the Spencerian system of penmanship. Superintendent Warner has made a careful examination into the matter and submitted a report to the board, in which he says:

"Reports just received from 176 of our teachers and principals show that all of them first learned a slant system; that 115 of them first taught a slant system; that thirty-four still think the system they first used is preferable to vertical writing; that 135 consider a vertical system superior for school purposes.

"I have not had opportunity to gather new information from the country at large, but it is a matter of common knowledge that some form of vertical penmanship is now used in the schools of nearly all the cities of the country. This change has been brought about within a few years in spite of the prejudices of teachers and the opposition of conservative commercial interests. There can be no reasonable doubt of the great rapidity with which vertical writing is executed. It is asserted that practically every expert telegraph operator in the land has acquired a vertical hand writing without regard to the system that he had previously learned. I submit herewith, as exhibits A and B, an autograph letter from J. M. Bell, one of the most rapid penmen and best known telegraphers of our city, and a photographic reproduction of a similar letter from Thomas A. Edison, who is an unusually rapid writer. You will observe that both are vertical.

(Continued on Subsequent Pages.)

# THE AMERICAN School Board Journal

DEVOTED TO  
School Boards, School Officials and Teachers.

WM. GEO. BRUCE, Editor and Publisher

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W. J. LAKE, Eastern Manager.

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## "SCHOOL ARCHITECTURE" FREE.

There has been a demand for a compact, serviceable and up-to-date manual on School Architecture for the practical use of school authorities.

Such a book has been prepared by William George Bruce with the assistance of the leading schoolhouse architects of the country, and will be furnished free of charge to the subscribers of this journal.

The subjects are arranged in alphabetical order, throughout the book, giving in compact and understandable form the various essentials of a modern, utilitarian and economical school building. Seventy-five illustrations of modern schoolhouses are included.

Wherever school buildings are in contemplation, in course of construction or to be remodeled, this little volume is invaluable. School officials, without an extended study of the subject, may readily inform themselves how best to proceed in securing plans, what the essential features of a set of plans are, how to judge them, etc.

Every phase is treated in a practical and sensible manner enabling school boards to secure a dignified, utilitarian, safe, sanitary and economical school building.

Subscribers to the School Board Journal may obtain it free of cost.

## SCHOOL HOUSE FIRES.

The statement that over one million dollars' worth of school property is destroyed by fire annually, will seem an extravagant one. And yet a careful estimate covering a period of several years warrants us in making the statement.

The buildings include college buildings, academies, high and grammar schools, both large and small. While many are small school buildings located in rural districts, there are frequently included imposing and costly structures. Nor are these destructive fires confined to districts where fire protection is impossible.

School boards as a whole have been somewhat indifferent to this enormous destruction of school property. Here and there fire drills for pupils have been introduced or some additional insurance has been placed on school property, but no general movement towards the protection of school property and the precious lives of pupils and teachers has as yet been inaugurated.

That the average two or three-storied schoolhouse is a fire-trap will sound like a bold assertion. And yet a close investigation will

prove its absolute truth. That the so-called modern schoolhouse plan submitted by architects every day is defective, as far as safety is concerned, must also be admitted.

Not until a schoolhouse horror of some proportion caused by fire is enacted will there be a complete awakening to the real condition of the average school building. Indifference is best dispelled by the unusual, the frightful, the soul-stirring.

In many schoolhouses the assembly rooms are located upon the second or third floors. In case of a sudden fire on the lower floors, belching immediately large quantities of smoke, no human agency could prevent a panic and avoid the loss of lives in the attempt to secure exit from the building.

School authorities in order to secure the greatest possible safety, and thus comply with the sacred duty devolving upon them, must observe the following conditions:

First, establish a system of pupils' fire drill in every schoolhouse. Such a system properly managed will enable the teachers to empty the largest schoolhouse, in from one to three minutes.

Second, erect simple, convenient and durable fire escapes. These should not consist of new-fangled devices which are apt to cost as many lives as the conflagration itself—but tested, sensible and utilitarian structures.

Third, plan all new buildings with the view of making them either absolutely fire-proof or of slow-burning construction. The least that should be done is to make all stairways fire-proof. Steel and cement construction should here be employed.

In this discussion it is, of course, assumed that the lives of pupils and teachers are more precious than the property destroyed. School authorities owe it to themselves and to society to surround their precious charge with the safeguards obtainable.

But if the purely economic view—the dollars and cents view—were applied, it is far more advantageous in the aggregate to construct reasonably safe buildings than to resort to fire traps. The annual loss of school property is sufficiently large, measured in cold dollars, to exceed by far the interest on the additional cost for fire-proof construction.

Thus, on the whole, is it wise economy in the end to provide substantial, reasonably safe structures.

## TEXT-BOOK AUTHORSHIP.

A schoolmaster may write undisturbedly as many text-books as he pleases, or as many as the publishing house will accept and publish. The moment, however, that a book is adopted and used in the schools of his home city, trouble arises.

Just now New York is awakening to the fact that many of the text-books used in that city have been prepared by men and women employed by the board of education.

It has been discovered that since January 1, 1902, the Department of Education has purchased \$91,959 worth of text-books upon

which its employees draw royalties. For example, \$36,790 worth of City Superintendent's Maxwell's publications have been bought by the city.

It is now proposed to enact a law which will compel employees to pay all royalties received from the sale of text-books, into the city treasury.

A writer commenting upon the matter, says:

Suppose every book now used in the New York public schools was written by a New York educator—what then? Aren't experienced teachers in the New York public schools supposed to know the needs of these schools better than a pedagogue in Paducah, Kentucky, or another in Islesboro, Maine? And isn't it altogether reasonable to assume that when a New York educator sets out to write or compile a school text-book the product is going to be fully as good as the average of the provincial output—perhaps a little bit better?

The school children are entitled to the best text-books that can be obtained. The personality of the authors is of no moment in favor of the books or against them. Are Mr. Maxwell's books the best for the uses to which they are put? If they are, they should be used in the public schools; and if they are used in the schools, their author is entitled to a royalty on them, regardless of the official place he may occupy. If they are not the best, they should be excluded from the schools, not on account of their authorship, but on their merits.

The point that the board of education has to decide has to do with the quality and the standing of the books—not their authors at all. If the use of the superintendent's books has been proportionately as great in schools in which their author has no official place as it has been in New York, then good judgment has undoubtedly been used in selecting them for the New York schools, and their author deserves the royalties upon them. If, on the other hand, these books are in use only where Mr. Maxwell is a power in school administration and are not regarded highly by educators in general, the inference, of course, is unfortunate for the superintendent.

## PROGRESS OF THE COMMERCIAL SCHOOL.

At the Boston meeting of the Private School Managers' Association, Dr. H. M. Rowe of Baltimore was delegated to draft a set of by-laws which should express the sentiments of the members as formally agreed upon at that time.

Dr. Rowe now presents these by-laws as formulated by him and as sanctioned by a large number of members. An examination of their contents is interesting at this time, since the need of betterment in the so-called business colleges is universally felt. No class of schools has fallen so deeply into pernicious commercialism, at the expense of true education, as have these institutions.

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A Growing Sentiment Among Thoughtful Citizens.



The Present Day Urgent Demands Made Upon Boards of Education.



Cupid (Pouting):—And Now They Blame Me Because there is a Shortage of Teachers in the West.

field of educational labor have not openly deplored the state of affairs which in reality exist, but have quietly and systematically set about to find a remedy.

After fixing the organization plans, and the terms of affiliation of the commercial schools, the document strikes out boldly for an efficient faculty. It says:

"No one shall be elected to membership on the faculty who is not possessed of superior educational attainments and has not had a practical teaching experience of at least five years, a satisfactory practical experience in the technical commercial branches which he shall teach, or who cannot comply with such other rules and regulations as may be established by the board of trustees.

"No affiliated school shall, after one year from date of said affiliation, employ any teacher in any regular or graduate course of study who does not hold a teachers' provisional certificate as described in the article entitled 'Teachers' Certificates and Diplomas.'

On the course of study we find the following: "The institutions shall prescribe the minimum course of study in every branch to be maintained by affiliated schools, which shall be outlined in a syllabus, which shall designate

the general subject matter of the course of study, the requirements for final examinations in various branches of the curriculum. No affiliated school shall conduct any graduate course of study which is inferior to the course fixed by the institution."

The greatest evil which has arisen in private commercial schools is the one by which certificates or diplomas are granted to those wholly unworthy to receive them. The association curbs this abuse as follows: "The final examination of candidates for graduation in any course of study shall be conducted by a member or by members of the faculty of such other qualified person as may be assigned to conduct the examination by the president through the dean of the institution, and under such rules and regulations as may be prescribed for such examinations."

"No certificate or diploma of any kind whatsoever shall be issued by an affiliated school, its officers or teachers to any undergraduate or to anyone who has not completed the required course or courses of study and passed the regular examinations therein as heretofore prescribed."

The by-laws deserve the approval of every business college manager who would lift his

own institution upon a higher plane.

If the general public once understands that there is a national organization which fixes the standard of business schools and that this standard is the highest that can be maintained under existing conditions, the problem solves itself. The owners of business schools will then, as a matter of self preservation, elevate the tone and character of the institutions placed in their charge, in order to meet the demands of a new order of things.

The task which Dr. Rowe, who is a progressive leader in commercial education, has undertaken, deserves high comment and general endorsement.

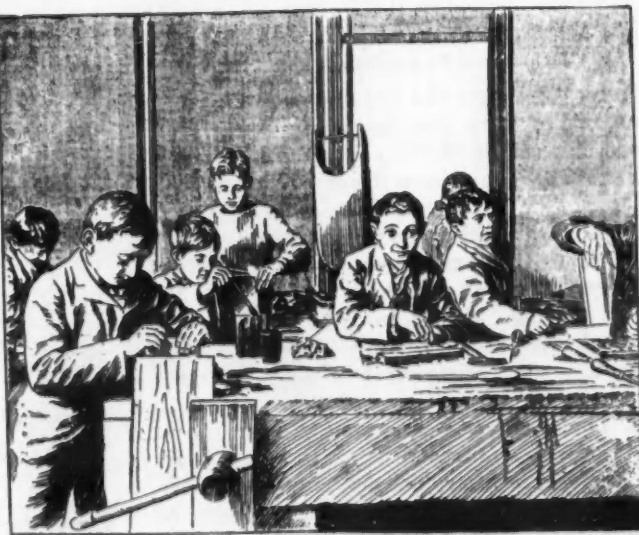
Lincoln, Neb. The board has recommended that each of the grade schools hold at least one rapid dismissal each week and appointed a committee to make arrangements for additional fire-escapes at the high schools.

Dunkirk, N. Y. Contracts for the purchase and installation of fire-escapes in the high school have been awarded to C. F. Ernst's Sons, Buffalo, at a cost of \$833.

Ex-Supt. McKean, of Middletown, Ohio, formerly of Chicago University, has been elected primary supervisor of schools at Canton, Ohio. The only position of its kind, in Ohio, held by a man.



Hazing as Practiced by the Students of Wellesley College.



Manual Training in the Slum District of Greater New York.



The Man Who Shouts Reform, and What He Does on School Election Day.



## Portable School Houses, Their Utility, Construction and Cost.



Portable schoolhouses had their origin, it is said, in Paris. The first city in the United States to adopt them, as far as can be ascertained, was Milwaukee, Wisconsin. Here, C. E. Lammert, the superintendent of school repairs, devised some twenty years ago, a portable schoolhouse known as a barrack, which was easily transported from place to place and readily put together.

Several years ago the cities of Chicago, St. Louis and Brooklyn introduced them, finding their use most advantageous. A number of other cities, including Boston, New Haven, Conn.; St. Joseph, Mo.; Seattle, Wash.; Newark, N. J.; Utica, N. Y.; Canarsie, L. I. etc., have since introduced them.

It is safe to say that while the buildings in the several cities named are constructed upon a general plan; the mode of construction varies in some of the minor details while the cost varies materially.

### Their Utility.

Where schoolhouses are overcrowded or where there exists an overflow of population it is, at times, almost impossible to secure suitable rented quarters. And even where it is possible to secure them, the accommodations may be unsuited for school use and the rental extremely high.

In instances of this kind the portable school is a decided advantage. It is quickly constructed, its cost is but nominal and it can be placed adjacent to the regular school and thus come under the immediate supervision of the principal.

As temporary structures in relieving crowded conditions, they serve a definite purpose, and serve it well.

Architect Wm. B. Ittner of St. Louis, Missouri, speaks of them as follows: "Such buildings, well ventilated and heated and protected from cold by double walls, present better sanitary conditions for the temporary accommodations of children than the ordinary rented rooms. They can be put into the yards of the school buildings that need relief, and make use of the outhouses and the janitor service provided for the main building."

### Their Disadvantage.

While the utility of the portable school has been established it may not be out of place to point out their one disadvantage in cities where the school authorities overlook the real purpose of such a structure. This disadvantage lies in the fact that instead of being regarded as temporary they are too frequently regarded as permanent structures. Where the school authorities are given to inactivity and delays, the construction of permanent school buildings, urgently needed is postponed because of the portable schools.

Here, of course, the fault must be assigned to an inefficient school board rather than to the portable school.

### Mode of Construction.

The four walls, two roof sections, ceiling panels and the floor sections are primarily so constructed that the various parts can readily be transported by wagon to their destination and erected on short notice.

The buildings are constructed in such manner as will enable them to be readily taken apart when no longer required at one school and moved to another. They are 24 by 36 inside measurement, with a clear story height of twelve feet. The floor is constructed in eight sections, the sides in six sections, the ends in four sections and the pitched roof in sixteen sections. Each section is built upon frames which are readily bolted together in such manner as to make a perfectly tight and secure room. All joints between the sections are covered both inside and out by movable pieces secured with screws.

### Capacity and Equipment.

The size 25x24 ft. or 24x36 ft. usually adopted permits a seating capacity of 50 pupils. The ceilings are 12 feet high. They are heated and ventilated by an indirect furnace, with double casing. The fresh air is taken directly from the outside, which supply cannot be cut off by the teacher. The vent is erected at the opposite end of the room from the furnace through the upper part of the vent flue. This not only makes a perfect method of ventilation, but effectually prevents any possibility of fire from the furnace smokepipe. A test of the ventilation made at St. Louis shows that the air of the room is being changed every 9.74 minutes, thus supplying each of the pupils with sixteen cubic feet of fresh warm air, per minute.

### Their Cost.

The portable school usually earns its own cost in two years in larger cities as against the renting of similar floor space.

At St. Louis the cost is estimated as follows:

Lumber .....	\$372.00
Mill work.....	78.56
Hardware and iron work.....	69.50
Labor .....	123.20
Roofing .....	38.50
Painting and glazing.....	85.00
Heating and ventilating.....	86.40
	<hr/>
	\$853.16

In some cities the cost is much higher owing to the fact that the structures are larger and somewhat more secure. In Milwaukee the portable schools cost \$750.00 each; in New York City, \$1,400.00; in New Haven, Conn., \$1,200.00; in Utica, N. Y., \$2,000.00, etc., etc.

### Opinions Regarding Them.

Boston—"Within the last two years we have erected 90 of them, and they are located in different sections of the city in school yards, in order that they may have the advantage of sanitariness of the main buildings. Their success has been very satisfactory. They are warm, comfortable in every respect and the teachers are very enthusiastic in their favor. As to the cost of moving. As yet we have really had no practical experience, as the buildings now stand where they were originally located."—Secretary Fisher.

St. Louis—"Portable school buildings are in greater favor now than they were three years ago, because they have not only been very satisfactory to the school administration, but the parents themselves have taken kindly to the idea. As a matter of course it is necessary to see to it that the people understand that this is simply a temporary arrangement, and that steps are taken immediately for replacing the

portable buildings in some other way. Let me present to you a case in which we used these buildings to a greater extent than usual. Two years ago it became evident that in the Arlington school district a very heavy increase in population was taking place. We bought a site and proceeded to erect a building of 20 rooms. The surplus, however, was taken care of temporarily by putting portable buildings in the yard of the Arlington school. We put one portable building up after another, and finally we had seven such buildings in the yard. They were there most a year, and when the new building was finished, the children were transferred to it. There was no overcrowding, the instruction of the classes did not suffer, and we had school room enough for all that applied."—Superintendent Soldan.

Newark, N. J.—"We have six of these buildings, which have been erected by the board's carpenters. The buildings are a success only so far as they are a makeshift to accommodate children who would otherwise be placed in rented houses."—Secretary Argue.

New Bedford—"I believe that they are the best substitute for schoolhouses that there are. There seems to be an unwarranted opposition here on the part of some people who claim that by building portable schoolhouses the building of more substantial schoolhouses will be retarded."—Superintendent Hatch.

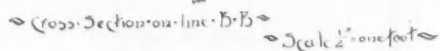
Milwaukee—"We have experimented successfully with portable schoolhouses—barracks as we call them. They are one-storied, one room frame structures, fastened with bolts, to permit being taken apart, transported from one site to another and again erected. They are substantially built, provided with two doors, one at each end, to permit the direct ventilation in warm weather, windows on one side, to secure light from the left, and only that; are heated by stoves; provided with a storm house entrance for one of the doors, and are, taken in all, model structures, and much superior to many of the rooms in our permanent buildings. These barracks are slightly and quite comfortable at all times of the year."—Superintendent Siefert.



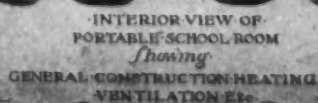
MR. CHAS. S. BICKFORD,

Chairman School Committee, Belfast, Maine.





CROSS SECTION ON LINE BB.

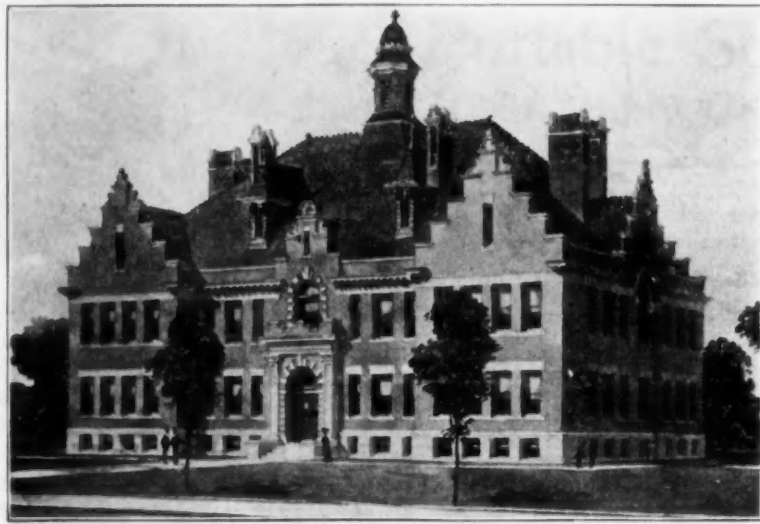


SECTION OF PORTABLE SCHOOL.

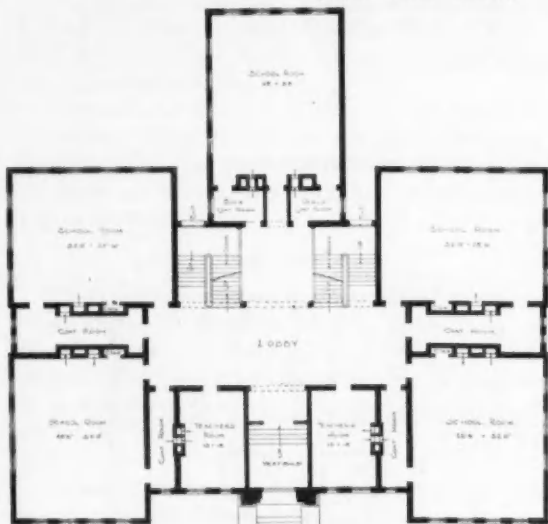
Designed by Wm. B. Ittner, Architect for School Board, St. Louis, Mo.



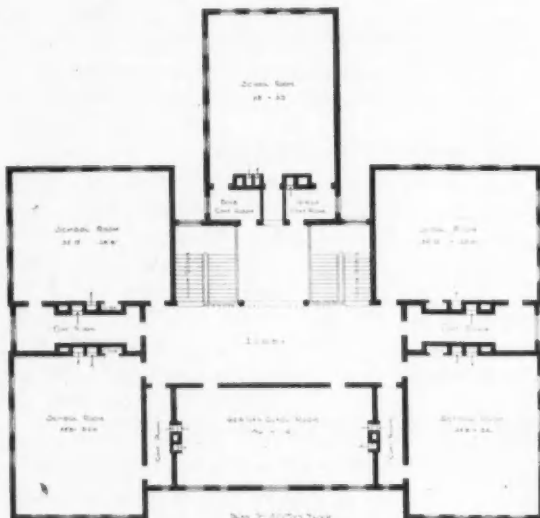
PLANS OF PORTABLE SCHOOL BUILDING, Designed by G. Edward Cooper, Utica, N. Y.



NORTH SIDE SCHOOL, SPRINGFIELD, OHIO.  
Wilbur T. Mills and Robert C. Gotwald, Architects, Columbus, Ohio.  
(Floor Plans Below.)



FIRST FLOOR PLAN.



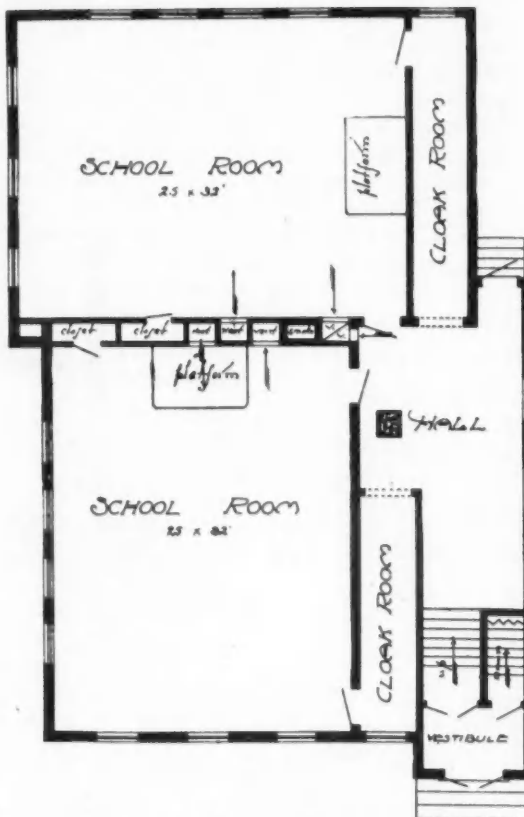
SECOND FLOOR PLAN.  
NORTH SIDE SCHOOL, SPRINGFIELD, O.



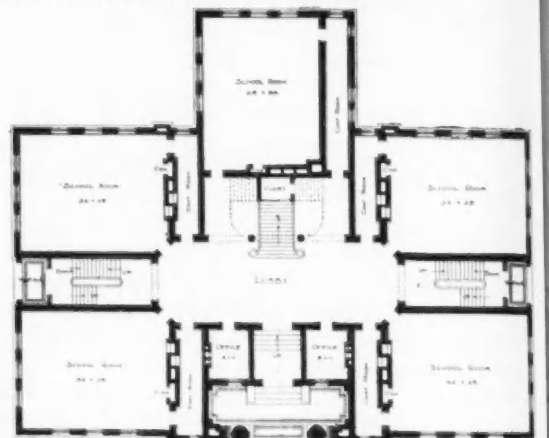
NORTHEAST MANUAL TRAINING SCHOOL, PHILADELPHIA, PA.  
212x234 Feet.



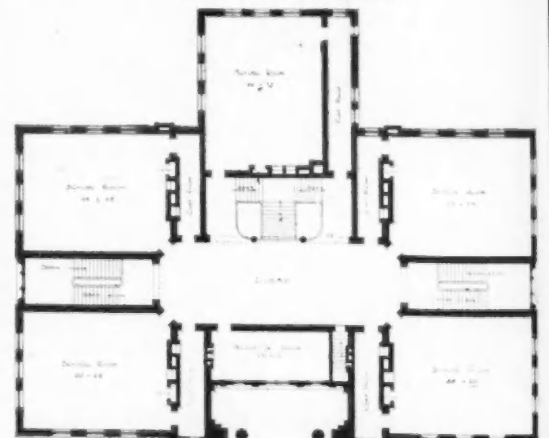
EAST SIDE SCHOOL, SPRINGFIELD, OHIO.  
Wilbur T. Mills and Robert C. Gotwald, Architects, Columbus, Ohio.  
(Floor Plans Below.)



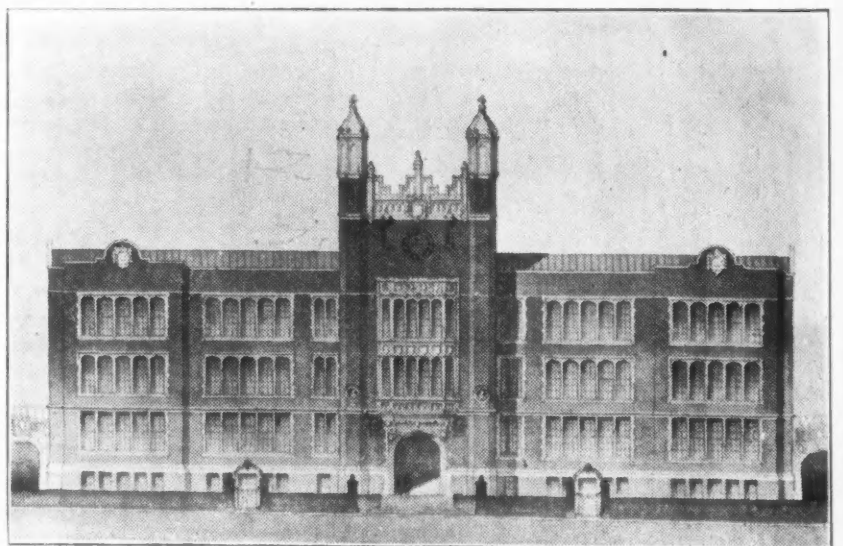
FLOOR PLAN FOR TWO-ROOM SCHOOL AT  
POTTSTOWN, ILL.  
R. J. Hotchkiss, Peoria, Ill.



FIRST FLOOR PLAN.



SECOND FLOOR PLAN.  
EAST SIDE SCHOOL, SPRINGFIELD, O.



FRONT ELEVATION, ACCEPTED DESIGN FOR HIGH SCHOOL, MADISON, WIS.  
Cass Gilbert, Architect. St. Paul, Minn.



(Copyright)

ADMINISTRATION

powers of school boards liberal selection of teachers creates the best possible conditions for the school. The school board should assume the responsibility of selecting the best possible teachers, and should create the best possible conditions for the school. The school board should assume the responsibility of selecting the best possible teachers, and should create the best possible conditions for the school. The school board should assume the responsibility of selecting the best possible teachers, and should create the best possible conditions for the school.

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APPROPRIATE

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(Copyright applied for.)

# School Administration

By WILLIAM GEORGE BRUCE.

**ADMINISTRATION.** The administrative powers of a school system are vested in the school boards, whose functions, in the more liberal sense, are legislative, executive and judicial within the meaning law of the state which creates them. While school boards, as a rule, assume all the legislative functions they, nevertheless, delegate much of their executive and judicial powers to the superintendents. In localities the latter are entrusted with the general management of the schools having the initiative in all matters professional, the adoption of courses of study, text-books, appointment of teachers and the purchase of supplies, subject to the approval of the board. In others, the school boards take the initiative themselves seeking merely the superintendent's advice and counsel on matters purely professional, while in still others, the boards circumscribe the powers of the superintendent to the direction of the professional labors of the schools.

The tendency in modern school administration, however, is to enlarge the powers of the superintendent and to draw a clearer distinction between the business and professional labors of the governing factors.

**ADVERTISEMENTS.** No advertisement should be read, distributed or given away in school, nor should newspapers, books, publications or articles of any kind be advertised, distributed or exhibited in schools by teachers, pupils or other persons, nor should the names of pupils be given to anyone for the purpose of circularizing them with advertising matter.

**AGENTS.** Salesmen or other persons should not be permitted indiscriminately to visit teachers or students at the schools for the purpose of influencing the purchase, order or use of books or supplies, or for the purpose of taking pictures of the building or pupils. In places where the principal has a voice in the purchase of supplies or adoption of text-books reasonable time should be granted to the agent to present the merits of his book or apparatus provided these are needed, and where an adoption or purchase of books is in contemplation. The privilege should also be granted where high school teachers are expected to make recommendations on the books and appliances required in departmental work. (See Bookmen.)

**AGRICULTURE.** (Study in rural schools.) The elements of agriculture as a study for pupils in rural schools have been introduced experimentally in several states. The superintendents of several large states in the West favor the movement, which is constantly growing, and have prompted the publication of text-books on the subject.

**APPARATUS.** *Definition.*—The courts have decided that school apparatus implies such articles as globes, maps, charts, etc. The word "apparatus," it is held, cannot be strained to cover school furniture.

*Condition.*—Rules should be formulated and displayed in every schoolhouse regarding the care and use of apparatus, and the fine to be exacted in case of the wilful destruction of the same. The school board should examine or else the superintendent, principal or teacher should be requested to report at least once a year on the general condition of all apparatus.

*Inventory.*—Before the close of each school year, during the months of May or June, a

complete inventory of all apparatus and where located should be made and submitted to the board.

*Needs.*—The superintendent or secretary should submit during the vacation months, during the months of July and August, a full list of the new apparatus, desired and required. He should specify the kind and number, together with the probable cost of the articles required.

*How Ordered.*—The names of firms that manufacture or deal in school apparatus may be readily ascertained by consulting the advertising columns of any first-class educational journal. The firms found here are usually reliable both as to the quality of the goods and the prices exacted. Orders ought not to be delayed, until the latter part of August if a prompt delivery of the goods is desired.

**ARBOR DAY.** The movement to encourage tree planting through the medium of school children found its inception on the western plains. The absence of woodlands and the exposure of lone schoolhouses to the elements prompted the thought. A group of trees around a schoolhouse would prove a desirable barrier against the fierce winds from the south and west.

The day was first observed in Nebraska and legalized by that state in 1872. Since then the following states have fixed a tree planting day: California, Colorado, Connecticut, Florida, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Jersey, New York, Ohio, Oregon, Pennsylvania, Rhode Island, Tennessee, Texas, Vermont and Wisconsin.

In most of these states the day has been legalized, authorizing the governor to name the date which is usually fixed during the month of April.

The State Departments of Public Instruction also send out annually booklets containing suitable exercises. These consist of selections from great authors and are designed to instill in the minds of the young a taste for the beauties of nature. In this direction the observation of Arbor Day has proven valuable, but it has also served to enhance the beauty of school grounds.

**ATHLETICS.** The athletics with which school boards are likely to be called upon to deal with are confined almost wholly to the high schools. Every high school in the country has its athletics. While these are usually directed by the faculty under the sanction of the board they are governed frequently by rules fixed wholly by the administrative heads. Some school boards strictly forbid football and other athletic sports. Where such rules exist they have been adopted as a result of some serious accidents and upon the request of the patrons of the schools. In a number of high schools where athletics are forbidden they are conducted off the school grounds and outside of the jurisdiction of the authorities.

*Rules.*—Where school boards sanction athletics the following rules usually prevail:

All athletics conducted in the name of the high school, are subject to the supervision of the advisory committee, consisting of the principal and his assistants. This committee has the power to veto any action or conduct that seems to it detrimental to the work of the school or injurious to its good name.

No high school student shall enter athletic

contests unless he has the required standing in at least four studies.

Pupils can belong to athletic organizations if they present written consent of parent or guardian.

No team is allowed to play in any match game with any other school located outside of the city unless accompanied by a member of the faculty.

**BATHS.** In larger cities where the slum districts send unclean and unkempt children to the schools the authorities have provided baths. The janitor or his assistant is placed in charge of the male pupils, who are cleansed and even clothed so as to be presentable in the class room, while the janitor's wife or female assistant attends to the female pupils. Wherever the baths have been introduced they have been found to wield a marvelous influence upon the children coming from the districts named, and upon the general moral tone of the entire school.

**BIBLE READINGS.** No book which has ever been adopted, or rejected, for schoolroom use by school boards, has aroused more controversy, than the Bible. The followers of one religion opposes a certain version while those of another do not believe in the New Testament. Then there are those who believe that religious instruction of any kind should not be tolerated in the schools.

Selections from the Bible are read in many schools notably in rural schools, at the opening of the morning session. The Lord's Prayer is also read in a number of schools. In most schools, however, all religious exercises are omitted.

*Compromise.*—At Chicago some few years ago a concerted movement was made on the part of several of the Protestant denominations together with the Catholics and Jews to introduce Bible readings in the schools. A text-book consisting of Bible selections made by the representatives of the various religious organizations was adopted but its introduction in the schools was defeated in the courts by the free thinking element. The work suffered a similar fate in the cities of Detroit and Grand Rapids, Mich.

*Literary.*—The strongest defense of the Bible in public schools is made by Thomas H. Huxley when he says:

"Take the Bible as a whole, make the severest deductions which fair criticism can dictate for shortcomings and positive errors eliminate, as a sensible lay teacher would do, if left to himself, all that is not desirable for children to occupy themselves with; and there still remains in this old literature a vast residuum of moral beauty and grandeur. And then consider the great historical fact that, for three centuries this book has been woven into the life of all that is best and noblest in English history. I am in favor of reading the Bible, with such grammatical, geographical and historical explanations by a lay teacher as may be needful with rigid exclusion of any further theological teaching than that contained in the Bible itself. And in stating that this is, the teacher would do well not to go beyond the precise words of the Bible."

*Legal.*—The decision of the Supreme Court of Wisconsin forbidding the use of the Bible in public schools of that state has been recognized by most states as fixing the legal status of the question.

(Continued in Next Number.)



### THE MAGNIFICENT HIGH SCHOOL, AT YORK, PA.

The illustrations on this page are part views of the exterior and interior of the York High School.

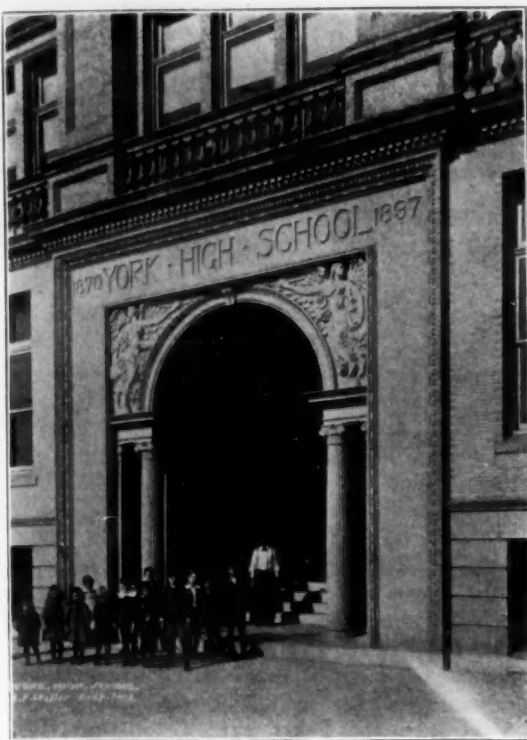
In the spring of 1897 the board of school control decided to erect a new high school structure to take the place of the one which was entirely outgrown for needed capacity. Mr. B. F. Willis, architect, of York, whose services had been retained by the board, on previous occasions, for several of the more important school buildings, was employed to prepare drawings and specifications and supervise the erection of the building. On Sept. 4, 1899, the building was dedicated to its uses.

The building has a frontage, facing south of 198 feet and 98 feet in depth through the central portion. The building has a ground plan area of 16,498 feet.

There are five principal entrances to the building, all of them starting from the pavement line, all steps being inside the building. A central corridor 15 feet wide, extending from east to west gives access to the various rooms on the first and second floors.

There are three sets of broad stairways. The hallway inclosing the grand stairway, which is double, is 24 feet wide and between solid brick walls. This stairway is constructed of heavy oak plank material without fired off or concealed spaces, thus greatly lessening danger from fire. The two side stairways, flanking the auditorium on the third floor, are strictly fire-proof, being built between heavy brick walls and without wood except the stair hand-rails. These two stairways start from the lowest basement floor, and including the grand staircase continue to the highest balcony level of the auditorium with landings at every floor. The planning of the stairs of this building have been made a very special study of the architect. The going of these stairs has been made extremely easy, there being eight low risers between the landings to each flight throughout.

The limited area of the site and motives of economy influenced the placing of the auditorium on the third floor. For this reason the stairs were so planned that all of the audience reach the auditorium and its balcony over by the way of the grand stair, on all ordinary occasions, those seated on the balcony make their exit by way of the broad fire-proof stairs at



PRINCIPAL ENTRANCE, HIGH SCHOOL, YORK, PA.  
B. F. Willis, Architect.

either side, landing flush with the pavement immediately at the doors; while those of the lower floor leave the auditorium by the way they came. In this way, cross currents of persons leaving the two different levels of the auditorium are entirely obviated. There are 560 of the latest improved assembly chairs on the balcony and 1,020 on the floor below, making 1,602 sittings in addition to the stage, which has room for 200 additional. There are dressing rooms at either side of the stage with a communicating passage, which gives access to the fire-proof stairs at either side. The proscenium, or stage opening, is 64 feet wide and 29 feet high. The orchestra and singers' balcony extends the whole width of the same.

The auditorium ceiling is thirty-five feet in the clear. The plaster of paris ceiling panels are two feet in depth. The acoustic properties have been most favorably commented upon by speakers and other experts, there being no echo or reverberation in the room, even when empty.

The full high school capacity of the building is about 800, and in addition to the rooms for this number there are two very large rooms devoted to library and museum pur-

poses. There are spacious teachers' rooms, one each for men and women teachers with their en-suite toilet rooms. There is also the customary principal's office and sick room.

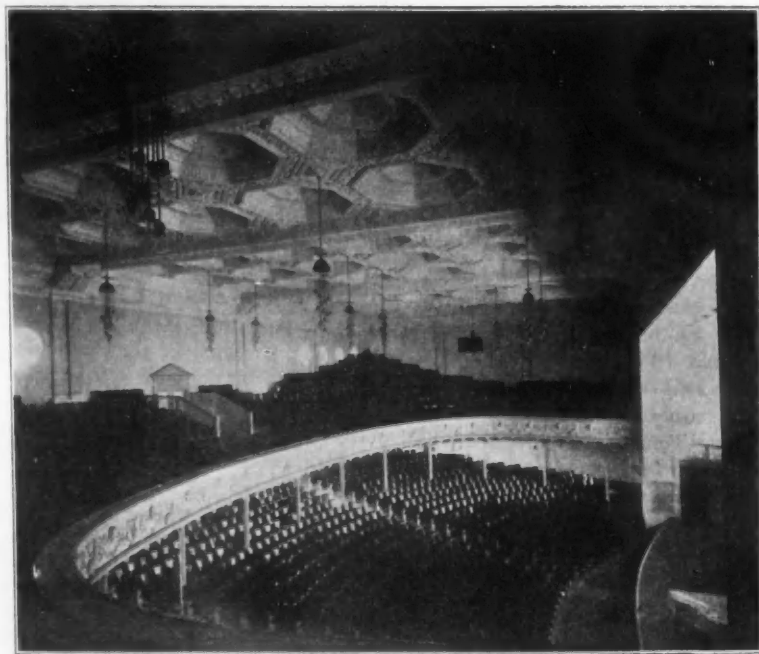
The gymnasium, 45x110 feet, ceiling, 19 feet high in the clear, is located on the north front of the basement. The basement on the front is divided, in height, into two stories; the upper story of the same, the floor of which is 21 inches below the pavement level, is taken up with sanitaries, locker, bicycle and blower rooms. The sanitaries and locker, or cloak rooms, for the two sexes are located at their respective stair entrances on the Penn Park front. All of the heat in the building is indirect and supplied with two batteries of warm air furnaces, so arranged that one, or all, of each set, depending upon the state of the weather, will warm their respective sides of the building. There are two intake and two exhaust fans on either side of the building which are operated by two 30-horse power electric motors. There is the least possible amount of woodwork in the building, there being no dust collecting on wooden wainscoting. From the window sill finish down, the walls are made of hard plaster and painted with oil paint on a rough sand finish surface, dust proof, easily cleaned.

The cut stone work of the exterior, including the basement story is of Ohio sand stone. All cornices, string courses and labels throughout are of cream buff terra cotta. The balance of outside walls are constructed of a hard burned, cream buff, Roman-shaped brick.

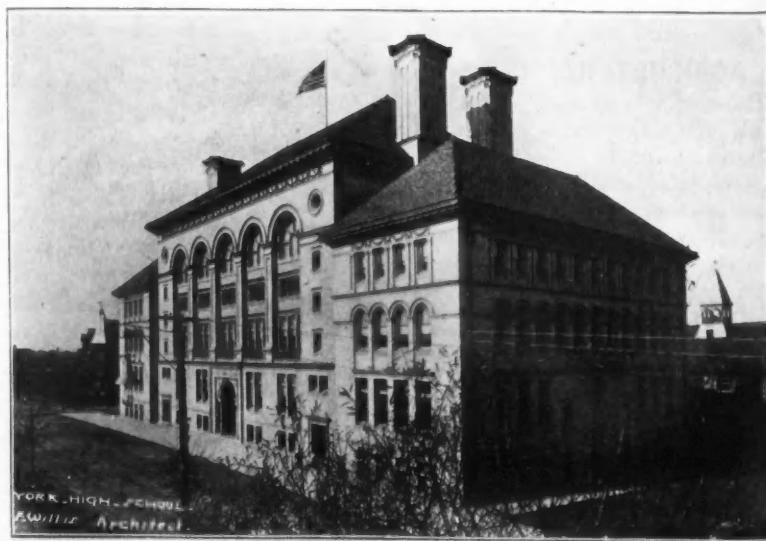
All exterior metal work, conductors, gutters, etc., are made of copper. All roofs are covered with semi-vitrified, red clay shingle tile, made at Akron, O. There are 10,200 ft. area of floor tiling of the same material in the interior halls and corridors made at Zanesville, O.

The cost of the building completed, without the site, was \$160,000.00. With the enhanced prices of the present, the cost would be about 20 per cent. additional.

"I don't believe religiously in fire drills," said Principal E. W. Wilkinson of Cincinnati recently, "I believe that a decided number of taps as a fire signal for a school if really used at the time of the fire would really cause more likelihood of a panic than if left out of the programme. If there is a fire in a school and I go out and beat a number of taps on the gong everybody knows immediately the building is afire. Nobody knows how bad a fire it is. Everybody gets excited. Such a signal is almost as startling as the cry 'Fire!' called out by a voice. No, we'll continue to place our faith here in common sense and not in fire drills."



AUDITORIUM.



EXTERIOR VIEW.

THE NEW HIGH SCHOOL BUILDING, YORK, PA. B. F. Willis, Architect.



### HOW

It so happens that C. Andres & Co., an agent of the Rock Island bound for

Upon entering the berth, one town down The Pullman would seat wait until which the have the arrival at

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### HOW STONER PUNISHED ADDRESS.

It so happened that a few months ago Mr. W. C. Address, the Michigan agent of Messrs. Ginn & Co., and Mr. Wm. Henry Stoner, the Iowa agent of the American Book Company, boarded a Rock Island train at a small station in Iowa, bound for Chicago.

Upon entering the sleeper they found that all berths, both upper and lower, were occupied, except one section which was reserved for some town down the road—a ride of an hour or so. The Pullman conductor told them that if they would seat themselves in the smoking room and wait until after they had passed the town for which the section was reserved, that they could have the section if it was not claimed upon their arrival at the town in question.

Accordingly, after passing the town, the conductor informed them that the section was theirs. They then flipped coppers to see who should have the upper berth, which fell to Mr. Stoner, possibly the heaviest weight bookman now in the field.

Mr. Address' characteristic modesty nearly led him to yield the lower berth to Mr. Stoner, but the acquired "cheek" of the experienced bookman prevailed against this nobler sentiment and led him, thin and cranny as he is, to crawl into the lower berth and compel the heavyweight Stoner to climb the stairs to the upper story. He heartily appreciated the joke of listening to the puffing going on above, while preparing for sleep, and soon lapsed into peaceful slumber.

Mr. Stoner, however, was a long time getting ready for that enjoyment. Finally, when about ready to pass off, he was annoyed by the gas lamp directly opposite his berth being turned on full head. He reached out to lower the light and, as he did so, there suddenly appeared, through the curtains of the lower berth directly opposite, the type of that aged maiden lady known as "corkscrew-headed old maid."

After viewing the length of the car in both directions, and finding the coast clear, she ventured out, but before leaving the berth took the precaution to pin her handkerchief to the curtain so that she might make no mistake in her berth on her return.

No sooner had she disappeared down the car, however, than the villanous Stoner reached across and unpinned the handkerchief, carefully fastening it to the curtain below him directly opposite the berth from which had already begun to issue the snores of his joking companion.

He had not long to wait for the aforesaid female, who did not succeed in getting far into the berth before discovering the other occupant. Immediately she jumped into the center of the aisle and began shouting at the top of her voice: "A man in my berth! A man in my berth!"

In an instant every head in the car appeared out of the curtains and joined in heaping imprecations upon so vile a wretch as one who could perpetrate such a joke upon a helpless female traveling alone, and as soon as the conductor appeared, he went even further and ran his clammy hand down the back of the neck of poor Address and yanked him forth with a demand to give an account of himself. Address tried to explain, but so loud were the denunciations against him from one end of the car to the other, of both male and female occupants, that it is doubtful if anyone ever heard his explanation.

When the conductor finally suggested that it was possible that she might have made a mistake in the berth, she loudly protested that that was impossible, as she had pinned her handkerchief to the berth before leaving, and there was the telltale handkerchief hanging immediately in front of the berth occupied by Address. There was a sequel to this when Address tried to get even, but that will keep until some other time.

### A PUBLISHER AT HOME.

Educational publishers,—the men who make the school and college text-books of this country—are given to inclinations which sometimes find unique and interesting expression. Residing as they do in different parts of the eastern section of the country, their fancy is sometimes influenced by their immediate surroundings or else by the environment of youthful days.

The homes in all instances bespeak refinement of that quiet order, which knows no glitter or show, but which carries the air of solidity, comfort and happiness.

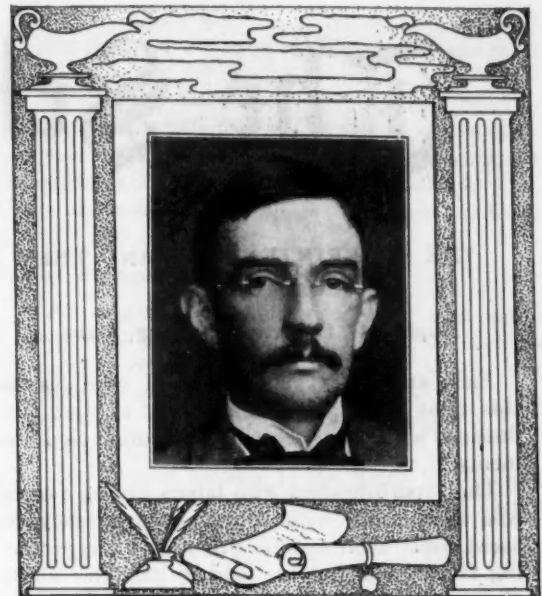
Mr. James L. Pennypacker, who is at the head of the Christopher Sower Company, the oldest publishing house in America, is a native Philadelphian. His home, however, is nestled under the stalwart oaks of Haddonfield, one of the quaintest and oldest Quaker towns in New Jersey, some six miles distant from Philadelphia.

Here he finds his haven of rest and happiness at the close of each day's labor with his family in a large, old-fashioned English home, with its cosy fire places and its delightful nooks and corners, erected many years ago. In it are harmonized the quaintness of a gone-by day with such modern improvements as go to make life congenial.

As an agreeable occupation during spare moments, the publisher, together with Mrs. Pennypacker who is a highly cultured and beautiful woman, interests himself in the preservation of the historical treasures of the old town. Among these treasures is an old Quaker tavern and town house which, through the efforts of the progressive people of the town led by the Pennypackers, will be preserved to posterity.

Mr. Pennypacker is a younger brother to Gov. Pennypacker of Pennsylvania. He is of Pennsylvania Dutch descent, of excellent family and well connected.

New York state teachers who are authors of school books will be interested in the bill which has been introduced at Albany, with a view to obliging school teachers who are employed in New York City, and whose books are used in



MR. JAMES L. PENNYPACKER,  
Manager Christopher Sower Co.,  
Philadelphia.

the schools there, to turn all royalties into the city treasury.

"By the way, Bruce," said F. W. Arbury, recently, "how does that lady who writes the month on your journal manage to use red crayon all through the year without getting her fingers all daubed over with red chalk? Another question, what system of writing does she use? Is it vertical, semi-slant, slant or a combination of all three styles? What position does she hold on the School Board Journal? I've always admired her and have often thought I would ask you about her. Any information you can give me will be greatly appreciated.

Mr. H. C. Thurber, who has for some years been the manager of the editorial department for Ginn & Company, has been admitted as a member of the firm. This recognition is well deserved. Mr. Thurber is not only an enthusiastic worker in his chosen field, but also a scholarly and progressive educator who strives to meet the educational needs of his time in the largest possible measure.

N. T. Pool still represents the Educational Publishing Co. in the South. He formerly worked in Kansas, Nebraska and Oklahoma. Two years ago he came to Atlanta to take up his headquarters for the company, in looking after the Southern business. He looks after the States of Georgia, Florida, Alabama, Mississippi and the Carolinas.



MR. O. J. LAYLANDER,  
Representative Ginn & Company.

The new Laylander High School was named after Mr. O. J. Laylander as a tribute to his splendid services while superintendent of the Cedar Rapids schools.



THE NEW LAYLANDER HIGH SCHOOL, CEDAR RAPIDS, IA.  
Fremont D. Orff, Architect, Minneapolis, Minn.



# The School Superintendent.

## THE SUPERINTENDENT AND THE COMMUNITY.

Supt. J. G. Edgerly, Fitchburg, Mass.

Each and every superintendent will discuss this topic from his peculiar point of view, influenced as he must be by his peculiar environments.

The superintendent who labors among people who sympathize with him—who are ready to assist him—such an one will hold views differing from those that are held by one who labors where efforts are made in many directions to thwart the efforts of school officials.

Conditions vary. The one who directs affairs in Boston or Buffalo has a different constituency from that which is found in the district composed of several country towns. Matters must be presented to the population of the rural district, permanent in its character, in a manner different from that in which it is presented to the floating population of some large city.

It has been the fortune of the speaker, during a term of superintendency of more than a third of a century, to labor in municipalities in which the city council and the citizens in general have given loyal support to those intrusted with the administration of school affairs, and, therefore, he cannot address an audience in the spirit with which one might be expected to present his views had he been hindered and annoyed in his work.

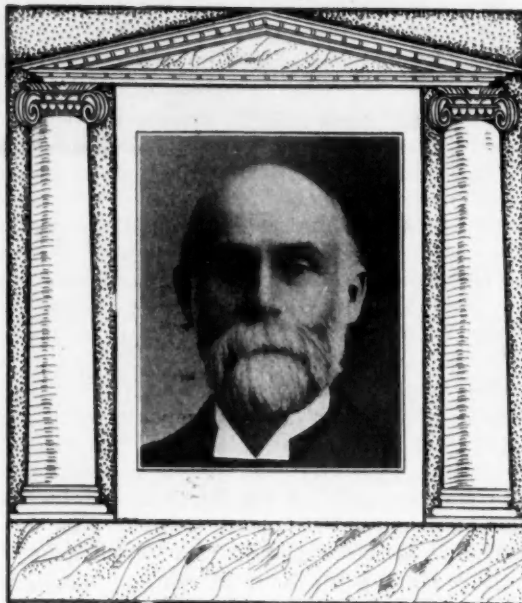
The superintendent comes in contact with elements of whose existence many are unaware and for this reason he must strive to know what influences are at work in his district and to utilize these influences as best he may in promoting the interests of the schools.

A superintendent is said to be "especially strong" in some directions and "weak" in others. One man has the confidence of the board for he is intimate with the members, unfolds to them his plans in detail, but to the great mass of citizens he is a comparative stranger. Thus the aid, the sympathy, the hearty support, of a large class of intelligent men and women is not enlisted in behalf of the schools.

A superintendent may be and should be an active worker at educational gatherings, but his zeal in this direction should not allow him to remain unfamiliar with the conditions in his own district. A prominent citizen in a certain city when told that his superintendent was an attractive speaker at educational gatherings, said in substance: "He may be influential at those places, but he has little influence with our schools."

The superintendent must take into his confidence many citizens who have no official connection with the schools. These schools should be ~~what the name implies~~—public schools, and the superintendent should strive to interest the public therein.

The teachers form an important part of the community. The superintendent, in order to gain and to hold the active loyal support of the teachers, must be loyal to them, sparing no pains to assure the public that the teachers are faithful to duty. This policy insures active co-operation on the part of the teaching force—a degree of co-operation that is not secured by the statement too often heard that children are made stupid by the stupid methods of teachers, or remarks similar in kind.



PROF. GEORGE H. MARTIN,  
Secretary State Board of Education.  
(Superintendent of Public Instruction of Massachusetts.)

He comes in contact with those who for some reason—unknown it may be to him—choose to educate their children elsewhere than in the public school. This course of action does not of necessity imply hostility to the public school. The views of these persons are to be respected. They may be able to render assistance to the superintendent. They can furnish him with information relative to certain conditions—information which he can obtain from no other source.

The public press has claims upon school officials which should not be disregarded. Items of information should be furnished, not as a mere matter of courtesy on the part of the superintendent but because the press has a right thereto. The superintendent who renders aid to his local newspaper will receive aid in return.

The annual report from the school department should be made to the citizens. The citizens should be told what the department has done. Theories may be discussed at meetings of the board. We are all likely to err upon this point.

Questions of public utility, such as railway facilities for a municipality and scores of other topics are themes for discussions at meetings of a board of trade or of some organization similar in character. The superintendent of schools at such gatherings can present the claims of the school department and in this manner interest some who would be interested in no other way.

### Among Superintendents.

New York City. The board of superintendents has decided to approve the use of German text-books printed in Roman type. The use of German script has also been considered and the board of superintendents has directed that English script shall be used in writing German words in both the high and elementary schools. It is understood that the superintendents have taken such action because of the difficulty of teaching German text and script in the time allotted in the course.

Pasadena, Cal. Supt. Jas. D. Graham has adopted a plan by which his pupils correspond with little boys and girls in England.

Salem, Mass. For the study of music in the schools it is urged that the student derives the same help from its study that he does from the study of a language; that it appeals to all faculties and furnishes nourishment to the mind, that it trains the senses in the truest sense of the word; that it develops a sympathetic nature, keen perceptions, calm judgment, and results in a general tempering of the faculties.

"Eastern Commercial Teachers' Association, at New York University School of Commerce, Accounts and Finance, March 31, April 1 and 2, H. M. Rowe, Baltimore, Md., president. A special meeting has been organized for high school commercial teachers and will present a full program at the coming meeting."

Waterbury, Conn. Supt. Tinker has inaugurated a card system by which a complete record of each child's life during his term in the schools, will be kept.

Minnesota. Owing to the general shortage of teachers in the rural districts, State Supt. Olsen has lowered the bars on the examination of teachers.

Cincinnati, O. The teachers of the city are agitating the proposition to raise the teachers' pension fund by a direct tax the same as the pension fund for the police and firemen is raised now. Heretofore the pensions paid the teachers of the City of Cincinnati have come as the result of a voluntary assessment of \$20 per year on each teacher. This assessment is found to be insufficient to pay the 70 teachers on the list, and a bill is now being drawn to provide for a legal pension fund raised by taxation. Such a bill would have to be general, and there is not a little opposition throughout the state against pensioning teachers.

Milwaukee, Wis. The grade teachers demand a maximum salary of \$1,000 per year, after ten years' service.

"A prominent school man said to me recently, regarding another who had gone as superintendent to one of our large cities," said Chas. B. Gilbert, recently, "that he feared for him chiefly because of his inability to mix with men, adding, 'I suppose he has never belonged to a social club and would hardly know what to do in one. Such a superintendent is always in danger because of his lack of ability to assimilate and his failure to recognize the importance of other things than his own school masterly duties.'"

When the school committee of Providence, R. I., discharged Horace S. Tarbell, superintendent of public schools, in 1902, they doubtless expected that would end the matter. Mr. Tarbell has vainly tried to recover the sum of \$720 for salary due him for the months of August and September, and now he demands \$10,000 for breach of contract, asserting that he was forced out of an office to which he was duly elected.

Newport, R. I. Supt. Lull has sent to London, England, 360 letters, written by pupils for exchange with the London schools. The letters are written in connection with the study of language, and the exchange is thought to be of material advantage in stimulating an interest in this study.

Columbus, O. Ex-State School Commissioner Oscar T. Corson, has been presented with a purse of \$700.00 to enable him to take a trip to Europe for the benefit of his health. Mr. Corson has been ill for a year.

Our Govern

By J. A. in North M. A., pro Stevens I. net. P. New York

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**Our Government—Local, State and National.**

By J. A. James, Ph. D., professor of history in Northwestern University, and A. H. Sanford, M. A., professor of history, State Normal school, Stevens Point, Wis. 271 Pages. Price, 75 cents net. Published by Charles Scribner's Sons, New York and Chicago.

A text-book, "Government in the State and Nation," designed for the higher classes in secondary and normal schools, by the same authors, has been for some time in use and with satisfactory results. There has been a demand for a similar book for lower classes, and this has been prepared to meet that want. Part I is on local, Part II on national and Part III on state government. The town meeting as an example of pure democracy at the foundation of our republican form of government is given its important place as a training in political affairs. The arrangement of the material is good, and all statements are concise and clear. There are numerous lists of supplementary and suggestive questions, and references to standard authorities.

**Money, Banking and Finance.**

By Albert S. Bolles, Ph. D., LL. D., Author of "Practical Banking," "Bank Officers," etc., and Lecturer in the University of Pennsylvania and Harvard College. Cloth, 12mo, 336 pages. Price, \$1.25. Published by American Book Company, New York, Cincinnati and Chicago.

This volume, while designed especially as a text-book for commercial high schools and the commercial courses of colleges, is equally suited for the general reader. It is a brief, practical treatise on the Theory of Money, the Practice and Usages of Banking, and the Principles of Finance. The author describes the best banking practice of the day, and adds those legal principles which refer to the topics taken up.

**Aristotle on Education.**

Edited by John Burnet, professor of Greek in the United College of St. Salvator and St. Leonard. 141 pages. Price, 60 cents. The Macmillan Company, New York, Chicago.

This book is one of a series which has been prepared in the conviction that text-books simple in style and arrangement and written by authors of standing are called for to meet the needs of teachers and candidates for certificates. In Aristotle's system the art of education is a part of politics. In the first place, it aims at producing such a character as will issue in acts tending to promote the happiness of the state; in the second place, it aims at preparing the soul for that right enjoyment of leisure which becomes possible when practical needs have been satisfied.

These are the fundamental ideas which it is necessary to understand if we are to appreciate the point from which Aristotle regards educational problems.

**Principles of Political Economy.**

By Charles Gide, Professor at the University of Montpellier, Lecturer on Economics at the Paris Law School, Second American Edition. Entirely re-translated from the latest French original and adapted to the use of American students. By C. William A. Veditz, Ph. D., LL. B., sometime Fellow in Sociology at the University of Pennsylvania, Professor of Economics at Bates College, Lewiston, Maine. 705

pages. Price, \$2.00. Published by D. C. Heath & Company, Boston.

The fact that Professor Gide's book has been brought through eight editions in the original French and been translated into the Russian, Swedish, Polish, Danish, Finnish, Spanish and Bohemian languages is good evidence of its usefulness. The first English translation, published in 1889, has been widely used in England and America as a college text-book despite numerous features which placed it at a disadvantage when compared with other text-books designed to supply the same need. In the new edition those objectionable features have been eliminated and the book has been more closely adapted to the needs of American students in Economics.

The primary aim of the book is to give a plain statement of accepted principles of the science, a summary of the unsettled problems, and a clear, brief and impartial outline of the various solutions that have been proposed.

All the distinctively French illustrative material which could add but little or nothing to the value of the book in the hands of the American reader, has been eliminated and data from American sources quoted from the latest and most reliable authorities substituted. Especially is this true in the discussion of Protective Tariffs, Paper and Metallic Money, and the History of Bank Organizations.

The work is a presentation of principles in vital relation to the most important economic facts and problems of contemporary business life. It further affords a historical perspective by a survey of each important subject.

The heaviness which attends text-books on this subject is here happily avoided. The book is most readable and deserves the high place it already occupies in this branch of human effort.

**Stories of Earth and Sky. First Reader.**

By Mabel Osgood Wright. Illustrated by Joseph M. Gleason. 124 pages.

**Stories of Plants and Animals. Second Reader.**

By Mabel Osgood Wright. With illustrations by Albert D. Blashfield. 143 pages.

**Stories of Birds and Beasts. Third Reader.**

By Mabel Osgood Wright. With illustrations by Louis Agassiz Fuertes and Ernest Thompson Seton. 130 pages. Published by The Macmillan Company, New York and Chicago.

These books have the general designation of the "Heart of Nature Series" and will, no doubt, be followed by additional volumes. The subject matter is attractive and wholesome. It is presented in story form, deals with animals and their strange and delightful haunts and with the wonders of the earth and sky.

**A Monograph on the Teaching of Arithmetic.**

By John C. Stone, A. M., Associate Professor of Mathematics, Michigan State Normal College, and co-author with Gordon A. Southworth of the Southworth-Stone Arithmetics, Books I, II, III. Published by Benj. H. Sanborn & Company, Boston, New York and Chicago.

This little pamphlet discusses the subject of teaching arithmetic in a most practical and helpful manner.

**New Physical Geography.**

By Ralph S. Tarr, B. S., Professor of Dynamic Geology and Physical Geography at Cornell University. Author of "Economic Geology of the United States," etc. Illustrated. 457 pages. Price, \$1.00. Published by The Macmillan Company, New York.

The name of Tarr in connection with physical geography is a familiar one and at the same time a guarantee for thoroughness and reliabil-

ity. He is the author of an elementary text and First Book on the subject. These have met with gratifying success.

The present volume is his third book, but unlike his two preceding works in that he gives a much fuller treatment of life to the land, air and ocean, the human interest of each topic being emphasized. The illustrations, too, are more select and numerous.

**The Rational Method in Reading.**

An original presentation of sight and sound work that leads rapidly to independent and intelligent reading. By Edward G. Ward, late Superintendent of Schools, Brooklyn, N. Y. Illustrated. 304 pages. Silver, Burdett & Co., New York, Boston and Chicago.

The present volume is the Fifth Reader and the last of the series of readers prepared by the late Edward G. Ward.

The reader is intended for third grade work, covering as it does the sixth half-year in school; and it may also be used to advantage in the fourth grade. It is carefully related to the preceding books of the series, both in subject matter and in vocabulary, offering such increasing difficulty as the advancing pupil needs. In its literary quality, in the entertaining, instructive and ethical value of its selections, and in artistic illustrations the reader takes a high place.

**Masterpieces of Latin.**

Edited by Gordon Jennings Laing, Ph. D., Assistant Professor of Latin in the University of Chicago. 496 pages. Houghton, Mifflin & Co., Boston, New York and Chicago.

This volume affords an entrance to the wealth of Latin literature through the English path of language travel—a path that is most direct for the American student as well as the literary Rambler.

The selections are well made, including some from Virgil, Ovid, Horace, Caesar, Lucretius, etc. The translations are those recognized as being the best. The introduction outlines the general tendencies in Latin literature. Biographical sketches of the great masters accompany the selections.

**DOCTOR EXPLAINS.**

**His Article in the Medical Magazine About Coffee.**

One of the most famous medical publications in the United States is the "Alkaloidal Clinic" in a recent number of which an entertaining article on coffee by a progressive physician and surgeon is published. In explaining his position in the matter this physician recently said:

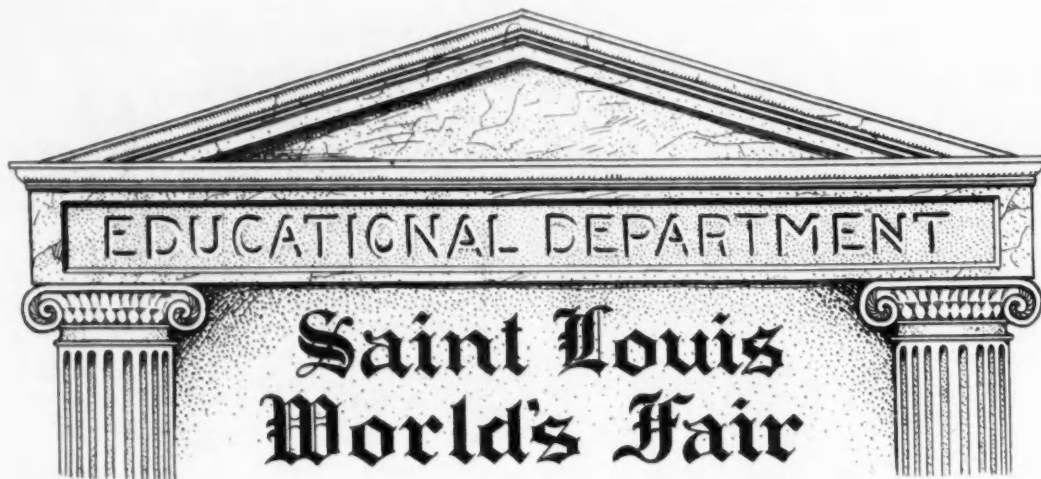
"In the article in question I really touched but lightly upon the merits of Postum Food Coffee. I have had several cases of heart trouble, indigestion and nervousness where a permanent cure was effected by merely using Postum in place of coffee without any other treatment.

"In my own family I have used Postum for three years and my children actually cry for it and will not be satisfied with any other beverage. Indeed they refuse to eat until they have had the customary cup of Postum and as it is a re-builder and does nothing but good I am only too glad to let them have it.

"To get the best results we boil the Postum at least 20 minutes and it is then settled by adding a little cold water, then the addition of fresh cream makes a beverage I now prefer to the very best coffee." Name given by Postum Co., Battle Creek, Mich.

Authorities are agreed that Postum is a wonderfully quick and sure re-builder. Ten days' trial in place of coffee proves it.

Look in each pkg. for the famous little book, "The Road to Wellville."



Reading, Pa. The educational exhibit for the World's Fair is completed. It includes 40,000 pages of writing covering every branch taught. The exhibit has been examined by Addison Jones of Westchester, who is in charge of the state exhibit, and pronounced excellent. Superintendent Foos will also prepare an exhibit of the night schools.

New York. B. F. Chandler, secretary of the Froebel Normal Institute of New York, has been assisting State Director Ellis in arranging the state exhibit for the St. Louis Exposition from that school. The exhibit consists of specimens of paper work, worsted work, embossing and perforating.

Supt. Brooks has completed the details for the educational exhibit which is to be as typical of this city's schools as it will be possible to make it. The main object of the work to be prepared for the exposition is not to show the finished product of the school system, but rather to present typical exercises that will illustrate the courses of study, the general plans of study and recitation and exemplify general methods of instruction. All the work of the elementary schools is to be placed in leaf cabinets. The manual training and the special schools are to have a greater variety of work presented than the elementary classes.

La Crosse, Wis. Supt. Bird reports that after consulting his principals it was decided that not sufficient interest could be aroused to warrant making an exhibit.

New York. The booth for the state educational exhibit will cost \$3,900.00. The booth

for the Greater New York exhibit has been drawn by C. B. J. Snyder, the famous school-house architect.

Texas. The fund necessary for an educational exhibit will be made up by private subscription on a basis of 5 cents per pupil. The teachers of the state have become active in raising the funds. Supt. J. L. Long of Dallas, is the chairman of the state commission. Prof. J. L. Lemmon of Sherman is the secretary.

Little Rock, Ark. The board decided to make no exhibit.

DeLaney M. Ellis, director of the New York State educational exhibit, has adopted the plan by which the several branches of study will form the units. No special city, county or village exhibits will be made. This has led to a bitter controversy with the school authorities of Rochester, with the result that the latter city has refused to prepare an exhibit.

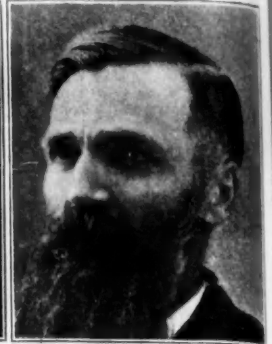
In arranging the Illinois State educational exhibit at the St. Louis Exposition the school or county will probably be the unit so that the identity of any good locality will not be lost sight of.

The States of Maine, New Hampshire and Michigan will make no exhibits.

The Missouri World's Fair Commission, at its monthly session in St. Louis last week, confirmed the appointments of assistants to Prof. G. V. Buchanan, superintendent of education. The young women honored are: Miss Mae Hansel, Joplin City Schools; Miss Minnie Brashear, Kirksville; Miss Catherine Cranmer, Cooper County; Miss Hennie Hinkston, Gower;



CLAY E. CALL,  
President School Board,  
Petoskey, Mich.



EDGAR PEIRCE,  
President School Board,  
Big Rapids, Mich.

Miss May Clark, manual training teacher at Lamar; Miss Emma Serl, primary teacher of Kansas City. The appointments were approved unanimously.

New York state will have a booth costing \$3,900.00. It will be constructed in St. Louis and the price will include running counters and installation fixtures inside the booth, except the wall cabinets. The wall cabinets which will be a general feature in all educational exhibits are manufactured by the New Jersey School-Church Furniture Co., Trenton, N. J.

Wisconsin will expend about \$2,000.00 for a facade and booth to enclose its educational exhibits.

Chief Howard J. Rogers has ruled that all boundary partitions may be constructed fifteen feet high and interior partitions only ten feet high. The shipment of educational exhibit material will begin March 10th. Many of the booths are contracted to be completed by April 1.

In Massachusetts women have the right of suffrage on school questions. In combating an attempt to extend woman suffrage an association consisting of women, denies that the desire for that extension exists among the majority of the ladies of the State. They set forth that "at the present stage of political and social progress the addition of the votes of inexperienced women would not help matters much, and that the unit in civilization was not always the individual but the family."

#### TIMELY CALLING.

##### How the Pastor Saved a Life.

A man near Fort Gay, W. Va., made an entire failure in getting strength from the kind of food he ate and not knowing that the trouble was with the food, kept on losing health until the doctors gave him up to die.

It was supposed to be consumption because he was wasting away steadily and slowly dying. His minister called from time to time and one day brought along a package of Grape-Nuts, thinking from what he knew of the famous food that perhaps it might help him. The sick man took to it at once and from that day began to get well. In writing he says:

"I walked to town to-day 3 miles. Have gained over 40 pounds in about 2 months and my neighbors don't know what to say. I frequently am told it was as if I am raised from the dead. Everybody here knows of my case, you can tell people to write to the Postmaster or Rev. L. D. Bryan. I will make a sworn statement that Grape-Nuts saved my life." Name given by Postum Co., Battle Creek, Mich.

This is another illustration that where all other foods fails one can be brought back to health and strength on Grape-Nuts. "There's a reason."

Look in each pkg. for the famous little book, "The Road to Wellville."



THE IOWA STATE EDUCATIONAL EXHIBIT, Columbian Exposition, 1893.



Schucking's

Edited by C. man Language ton University. 81 pages. 35 cents. Pu York, and Ch

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# Book Reviews

## Schucking's "Die Drei Freier."

Edited by Otto Heller, Professor of the German Language and Literature in the Washington University, St. Louis. 16mo. Cloth. xxiii + 81 pages. List price, 30 cents; mailing price, 35 cents. Published by Ginn & Company, New York, and Chicago.

"Die drei Freier" is adapted to the needs of students who have spent about one year and a half on their German, and will be found to furnish excellent sight-reading for more advanced students. This is a thrilling story in which the interest never lags, told in the German language.

## Chapters on English Metre.

By Joseph B. Mayor, M. A. Second Edition. 308 pages. Price 50 cents. The Macmillan Company, Publishers, New York and Chicago.

Dr. Mayor has done some laboratory work in English metre, and given the results in this volume. The method followed is that of the chemical analyst; verses of every species are subjected to a severe analysis, and the elements of their rhythm are accurately searched out. In his introductory, the author examines critically and at length various theories of English metre advanced by other writers.

The book is intended, no doubt, for the scholarly few who desire extensive enlightenment on the sources of metrical beauty.

## Fifty Fables by La Fontaine.

Edited by Kenneth McKenzie, Instructor in Romance Languages in Yale University. Cloth, 12mo, 127 pages. Price 40 cents. Published by American Book Company, New York, Cincinnati and Chicago.

This is one of the very best books to put in the hands of beginners. The matter is instructive, clear, interesting and varied. The French is easy with the aid of notes and the vocabulary.

## A Primer of English Literature.

By Abby Willis Howes. Illustrated. 190 pages. Price, 50 cents. Published by D. C. Heath & Company, Boston, New York and Chicago.

This book aims at being what its title indicates—a primer, a first book. It strives to tell simply and clearly a few things, and to bring prominently before the reader only the greatest literary names. It meets the need of all classes of students who wish to acquire in a straightforward way the generally accepted facts of English literary history.

## The Rational Method in Spelling.

Third and Fourth Years. By Edward G. Ward, Late Superintendent of Schools, Brooklyn, N. Y. Author of "The Rational Method in Reading." Completed by Emma L. Johnston, Principal of Public School 140, Brooklyn, N. Y. Silver, Burdett & Co., New York, Boston and Chicago.

The wonderful activity of the late Edward G. Ward is gradually being revealed. The number of books he has prepared is surprising.

This speller is a departure from the old time speller. The method teaches the meaning of words as well as their forms, affords constant review without monotonous repetition, and gives the pupil an intelligent interest in the study. The five or six new words of each lesson are used in sentences which the pupils transcribe, and in this way they associate the meaning with the form of the word. Thorough review is secured by devoting every fifth lesson to words previously learned, and by combining with the new work of the other lessons a brief review of difficult words.

## Foa's Le Petit Robinson de Paris.

Edited by Louise de Bonneville, of Sidwell's Friends' Select School, Washington, D. C. Cloth, 12mo, 155 pp. Price, 45 cents. The American Book Company, New York, Cincinnati and Chicago.

This is one of the best dog stories in literature. It recounts the adventures of a boy and a dog, both waifs in the City of Paris, and merits the popularity it has gained in France, both on account of the interest of the story, and also for its easy and graceful style. It is one of the books recommended by the committee of twelve for college preparatory work. The notes explain all difficult points, and the vocabulary is complete.

## The Spellers That Teach to Spell.

A Series of Eight Spelling Booklets. Words grouped about home and school, the two centers of interest to the child. Price, single copy, 5 cents. Twelve or more for 3 cents each. Published by Foulke & Pierce, Lombard, Ill.

These little booklets are evidently the work of the trained schoolmaster. The words have been selected with discriminating care. Each booklet is designed to meet the needs of that grade to which the book number corresponds. The nominal cost placed upon the booklets will no doubt prompt school authorities to examine them.

Kansas City, Mo. The board of education has decided that no ward school graduates shall be admitted to the manual training high school during the middle of the term. In order to enroll as a high school pupil entry must be made hereafter at the beginning of the term.

# Frye's Geographies

## The Grammar School Geography

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(Concluded from page 7.)

"The vertical is acknowledged to be the most legible form of penmanship or print. As exhibit C, I submit specimens from all the pupils in one class from each of our city schools. This permits you to see the bad as well as the good. An attempt to read matter printed in italics will show why this style of letter is not popular. An easy experiment will convince anyone that the greater the slant of letters the greater the difficulty of reading them."

New Haven, Conn. In presenting information on the subject of free text-books, Supt. Franklin H. Beede has, among other things, presented the following figures.

Cost of free text-books per capita in 22 cities, for 1901:

Springfield . . . . .	\$1.37a
Cambridge . . . . .	1.20x
Paterson, N. J. . . . .	1.15
Providence . . . . .	1.12½
Fall River . . . . .	1.12x
New Britain . . . . .	1.10b
Waterbury . . . . .	1.10
New Bedford . . . . .	1.05
Worcester . . . . .	1.03a
Boston . . . . .	1.00
Somerville . . . . .	1.00
Newark, N. J. . . . .	1.00
Lynn . . . . .	.90
Lowell . . . . .	.90
Philadelphia . . . . .	.86b
Washington, D. C. . . . .	.80
Omaha, Neb. . . . .	.76
Lawrence . . . . .	.71
Syracuse, N. Y. . . . .	.57
Toledo, Ohio . . . . .	.50
New Haven . . . . .	.47
Pittsburg, Pa. . . . .	.35

b. No high school books. x. Books and supplies. a. Includes reference books.

Mississippi. A uniform text-book bill is being considered by the legislature. The measure provides for a school book commission whose duty it will be to select and contract for a text-book for the schools of the state.

Washington, D. C. Representative Knapp, of New York, has invoked the aid of the Federal Government to pass a national law on the adoption of text books. He has embodied his plan, in a bill submitted to Congress. It directs the Commissioner of Education to make a complete list of all the "good" school books, and to invite the owners of the copyrights to submit sealed bids naming the price at which they will sell the copyrights to the Government. Then a School-Book Commission, consisting of one member from each State, is to select the series of books in all studies which, in its judgment, will best meet the needs of the nation. The Government will own the copyrights of the desirable books, and as any one will be permitted to print the books who wishes to enter the contest, the School Boards will let the contracts for supplies to the lowest and best bidders.

Indiana. Ragtime music received a death-blow at the hands of the music committee of the State Board of Education. For some time, it is alleged, publishers of music books, books of low standard, have placed agents in the different counties of the State to furnish the schools with books. The books, it is said, contain songs written by composers never heard of outside of these music books, and are replete with ragtime selections.

Virginia. The state board of education met at Richmond, March 1, to select books to be used in the public schools of the state and give out the contracts. The board has adopted a liberal policy in the matter of books, which will allow the local school authorities a voice in their choice. The board will approve a list of not less than two or more than four series of text-books, and the local school boards may make their choice from such list. Superintendents of county schools have been directed to call the local boards together to appoint committees on text-books.

"While our stock is all gone, we have saved all, or nearly all our plates," said Dr. H. M. Rowe, of the Sadler-Rowe Co. of Baltimore, which firm was burned out in the great fire. "Our presses have been running for several weeks, and we hope to fill orders again within a few days. We are under great obligations for the kind words of sympathy from our friends which have almost deluged us."

The publication office of the Sadler-Rowe Company was destroyed in the great Baltimore fire. The loss sustained is \$50,000. The company has thereby suffered a severe blow, but with an enterprise, characteristic of its managers, has at once begun to arrange for the continuation of its business, and to meet the demands of its large trade.

The Prang Educational Company has removed its New York offices from 5 W. 18th Street to the Flattau, 113 University Place. With this change comes also the removal of the editorial department, as well as the agency department from Boston to New York. The offices located at 120 Boylston Street, Boston, will be hereafter maintained as branch headquarters.

#### TEXT-BOOK ADOPTIONS.

Los Angeles, Cal. The County Board of Education adopted for supplementary readers for county schools, the Jones and D. C. Heath & Co. readers. A new geography will be adopted at the beginning of the new school year.

California. The State Text-Book Committee has entered contracts with D. C. Heath & Co. for Thomas' Elementary History of the United States; The Macmillan Co. for Introductory or Home Geography; the American Book Co. for the Natural Advanced Geography.

Freeport, Ill. Overton's Physiology by the American Book Company has been adopted as a high school text-book.

Milwaukee, Wis. The Modern Music Series, published by the Silver, Burdett Co. has been adopted in the public schools.

Portland, Me. The Nichols graded lessons in arithmetic have been adopted in the lower grades.

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Also **Webster's Collegiate Dictionary** with 1100 pages, 1400 illustrations. Size: 7x10x2½ in.

**A Special Thin Paper Edition**  
Printed from the same plates as regular edition. It has limp covers and round corners. Size: 5¼x8½x1½ in.

**FREE, "A Test in Pronunciation,"** instructive and entertaining. Also illustrated pamphlets.

**G. & C. MERRIAM CO.,**  
Publishers, Springfield, Mass.

Los Angeles, Cal. The Barnes natural slant system of penmanship has replaced the vertical system.

Utica, N. Y. A change of readers is contemplated. The Jones' series has been chosen as a basis.

Ogden, Utah. The semi-vertical system of handwriting is to be experimented with in two of the schools. Vertical writing has been in

On the 4th day of August, 1903, the State Text-Book Commission of the State of Texas, appointed especially to consider and adopt books for the public schools of that State, unanimously adopted

**Maury's Elementary Geography,  
Maury's Manual of Geography,  
Maury's Physical Geography.**

Cities of more than 10,000 population are exempt from the provisions of the law and select books for themselves. The following cities of Texas adopted Maury's Geographies:

Austin,	Fort Worth,	Palestine,
Beaumont,	Galveston,	Temple,
Dallas,	Houston,	Tyler,
El Paso,	Laredo,	Waco.
	Marshall,	

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For School Use.

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vogue for some years past and is opposed by some business men.

Springfield, Ill. Collier & Daniels' First Year in Latin and James & Sanford's Government of State and Nation have been adopted.

New York City. Adopted by the board of education: Franklin's Readers First to Fourth inclusive, Sheldon's Word Book, American Book Company; Macaulay's Life of Johnson, The Macmillan Company; Irving's Life of Goldsmith, Longmans, Green & Company; Woodull & Van Arsdale's Physical Experiments, D. Appleton & Company; First Year Latin Books for elementary schools, Bain's, Collier & Daniell's Coy's, Gunnison & Harley's, Smiley & Stork's, Tuell & Fowler's, Pitman's Phonographic Instructor, Shorthand Instructor (Part II and Complete) Phonographic Teacher, Manual of Phonography, Shorthand Grades, Business Correspondence in Shorthand (Books I and II), Twentieth Century Business Dictation Book, Aesop's Fables in Pitman's Shorthand and Van Sant System of Touch Typewriting published by Isaac Pitman & Sons.

Lansing, Mich. Powers & Lyon's Business Speller; Williams & Rogers' Commercial Correspondence; Bullock's Economics; Wentworth & Hill's First Steps in Geometry; Scott & Denny's Composition.

San Francisco. Lockwood & Emerson's Composition and Rhetoric, Davis' Physical Geography, Beman & Smith's Academic Algebra.

Alameda, and San Joaquin, Cal. The Medical Writing System.

The Educational Music Course has been adopted in Alameda county and in the cities of Pasadena, Santa Barbara, San Jose, Berkeley and San Rafael, Cal.

Rome, N. Y. Jones Series of Readers.

Ohio. Rational Method in Reading (Ward) was recently adopted in Fremont, Wauseon, Napoleon, Clyde and Wooster.

Bureau County, Ill. The County Superintendent of Schools is making an effort to secure uniformity of text books in the county schools and has sent out a circular letter to the boards of education, giving a list of the books he favors adopting, viz: Baldwin's Primer, Baldwin's First Reader, Baldwin's Second Reader, Baldwin's Third Reader, Baldwin's Fourth Reader, Baldwin's Fifth Reader, Baldwin's Sixth Reader. Arithmetics—Hall's Arithmetic Primer, Werner's (Hall's) Book I, Werner's (Hall's) Book II, Wentworth's Practical. History—Montgomery's Beginner's American History, Montgomery's Leading Facts of American History. English and Grammar—Metcalf's Elementary English, Metcalf's English Grammar. Physiology—Overton's Primary Physiology, Overton's Intermediate Physiology, Overton's Advanced Physiology. Civics—Our State and Nation. Geography—Natural Elementary, Natural Advanced. Spelling—Modern Spelling Book.

### TEXT-BOOK UNIFORMITY.

A southern journal compresses the arguments in favor of state uniformity into the following:

First—That uniformity means system, and that system is wholesome and necessary and in line with the spirit of the age.

Second—That uniformity means economy, and that there are some hundred thousands of dollars to be saved to the people of Georgia by state uniformity in text-books.

Third—That a double state commission—one branch composed of capable and carefully selected teachers, chosen to pass upon the merit and adaptability of several different series of text-books, and another branch comprising the state board, whose duty it will be to secure competitive bids from all the companies whose books pass muster, and, with the question of merit evenly balanced, to adopt for the state schools those books, which, under competition, can be had on the best and most economical terms for the children of the state—that such a board under such a process of selection can and will act more wisely and more satisfactorily upon this great and vital question than the casually selected and not always competent county school commissioners.

Walter E. Ranger, who is the educational executive of Vermont, in opposition to state uniformity of text-books says: "It takes from local authorities the exercise of judgment and control which is fundamentally democratic, is a proper function of local life, and is essential to the development of right educational thought and sentiment and to the promotion of wiser educational effort. It prevents the ready advisable adoption of suitable means to various needs, and cannot meet peculiar local conditions. It builds up a large machinery that seems unnecessary. I fail to appreciate the merits claimed for uniformity. Uniformity in itself, in my view, has little virtue."

### DR. HART'S NEW WORK.

The publication of a new book from the pen of Albert Bushnell Hart, the distinguished professor of history at Harvard, is always an occasion of considerable interest. Messrs. Longmans, Green & Co. have recently given us Dr. Hart's latest and in many ways most important book, Actual Government, as applied under American conditions. The need of a book for upper classes in high schools and colleges, dealing with the actual workings of our government, has been felt by all schools and Dr. Hart in his new book gives to the world what will undoubtedly become a standard work on the subject and one which will go far to improve the teaching and understanding of the practical side of our national and local forms of administration. The book quite apart from the text is a model of what a modern text-book should be. The maps, notes, references and suggestions to the student and teacher are of such high order as to commend the highest praise. It is interesting to note that while published but a short time, this book has won the praise of press and public to an unusual degree and that it has already established itself as a text-book in many

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All those desiring to reserve entertainment at Hotel Epworth may do so by sending \$2.00 for a Certificate of Entertainment which will insure the holder the low rate of \$1.00 per day for as many days as desired. Monthly payments of not less than \$1.00 are required in advance, the balance to be paid when the holder attends the Fair.

We advise our friends to apply at once as the number of Certificates so issued will be necessarily limited, and will probably be advanced long before the Fair opens. Wanted, agents to form clubs in all sections. Address, **EPWORTH HOTEL CO., Koken Bldg., St. Louis.**

of our schools and colleges. While there are many excellent books on the subject of civil government, they deal largely with the theoretical side of the subject. Dr. Hart gives us more of the actual working of the government in his book, and on this account it is more practical and much more helpful.

### SCHOOLROOMS MADE LIGHT.

"Under any and all conditions Prism Glass increases the light, improves the sanitary conditions of a schoolroom and saves the eyes of the scholars," said the manager of the New York Prism Company, recently, "Because it brings and distributes evenly over every part of the room the daylight intensified, giving every scholar wherever seated the full light of day."

"To obtain this bright light," he continued, "it is only necessary to have prism glass glazed in the top sash of the window, using the same rabbet in which the ordinary glass is glazed. Prism Glass can be furnished in sheets cut to any size desired. The Prisms in the glass are made in various angles adapted to different conditions."

"The angle of Prism applicable for each location can only be determined by an expert or by the use of our index card designed for such purpose. The cost of Prism Glass has been greatly reduced and at the present time is very low. As compared with artificial light it has always effected a saving, for the first cost is all the cost."

"If you will send for our index card and use same as directed, advise us of the result and give us the size and number of lights required, we will give you the cost and full information as to the best way Prism Glass can be used to improve the light."

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It rests and strengthens the tired brain, dispels nervous headache and induces restful sleep and a good appetite.

If your druggist can't supply you we will send small bottle, prepaid, on receipt of 25 cents. RUMFORD CHEMICAL WORKS, Providence, R. I.

#### Her Power.

"Higher education may be all right for a woman, but do you think it fits her to make a man a better wife?"

"Well, it certainly fits her to make a man a better husband. College women are usually athletic, you know."

Teacher—"If I had two apples and gave each of you half a one, how many would you have?"

Pupil—"I'd have a whole one; I can lick the other feller."

Teacher—Now, Johnny, if your father gave you five cents and your mother gave you five cents, and your aunt and uncle each gave you five cents, how much money would you have?

Johnny—"I don't know, Miss Mabel. I would fall dead before I could count it."



#### In Literature.

"I understand he was an author even before graduation from college."

"Yes, indeed. Why, he was the author of a new college yell."

Schlaun.  
"Der Verkehr der vielen Studentinnen ist natürlich sehr angenehm und lohnend. Nur muß es sehr unangenehm sein, wenn sie Abends nicht nach Hause wollen?"  
"Oh, das geht sehr gut! Um 12 Uhr ist hier regelmäßig Alles leer."  
"Wie machen Sie das denn nur?"  
"Ganz einfach: Wenn ich merke, daß die Damen nicht gehen wollen, hole ich bloß eine Mausfalle mit einer gefangenen Maus; sofort ist Alles aus dem Lokal!"

A little Cleveland tot of 3 years was put to bed one night, her first night in Jersey, by her mother, with the words: "Now go to sleep, darling, and remember the angels are flying about your little crib and keeping you from harm."

A few minutes later the patter of little feet was heard, and a little white-robed figure emerged from the bedroom.

"Why, darling, what's the matter?" said the mother.

"I don't like the angels," sobbed the little girl.

"Why, dearie, why not?"

"One o' th' angels bit me."

Teacher (of class in grammar)—What do you understand by "parts of speech?"

Tommy—It's—it's when a man stutters.

#### The Story of Life.

Chapter I: "What is your name, little boy?" asked the teacher.

"Johnny Lemon," answered the boy. And it went on record on the roll.

Chapter II: "What is your name?" the high school teacher inquired.

"John Dennis Lemon," replied the boy. Which was duly enrolled.

Chapter III: "Your name, sir?" said the college dignitary.

"J. Dennison Lemon," responded the young man who was about to enroll himself as a student. Inscribed in accordance therewith.

Chapter IV: "May I ask your name?" queried the society editor of *The Daily Bread*.

"Jean D'Ennice Le Mon," replied the swell personage in the opera box. And it was duly jotted down.

The following is attributed by an English newspaper to a public schoolboy: "King Henry the Eighth was the greatest widower that ever lived. He was born in Anno Domini in the year 1066. He had five hundred and ten wives, besides children. The first was beheaded and afterwards executed. The second was revoked. She never smiled again, but she said the word 'Calais' would be found written on her heart after her death. The greatest man in this reign was Lord Sir Garnet Wolsey. He was surnamed the 'Boy Bachelor,' being born at the age of fifteen unmarried. He after said had he served his wife as diligently as he served the King she would not have deprived him of his gray hairs. In this reign the Bible was translated into Latin by Titus Oates, who was ordered by the King to be chained up in the church for greater security. Henry the Eighth was succeeded on the throne by his greatgrandmother, the beautiful and accomplished Mary Queen of Scots, sometimes known as 'The Lady of the Lake,' or 'Lay of the Last Minstrel.' He died in bed in the last year of his age."

## HOW DOES THE LEAD GET INTO THE PENCIL?

This has puzzled a great many, but if you would like to know, so that you can explain it to a class, send us your name and address mentioning this ad, and we will send you a little book that tells the whole story. The process of manufacture is not the result of an inspiration, but the product of much care and skillful manipulation. If you are a teacher and will mail us this advertisement we will send you samples of our pencils so you can try them in your school and see how useful they are in the many kinds of educational work.

JOSEPH DIXON CRUCIBLE CO., Jersey City, N. J.

#### Schoolmarm "Beecham."

There was once a schoolteacher named Beecham,

And her pupils—didn't she teachamp?

For when they were bad

She made them feel sad,

If ever she happened to reachamp!

#### Tommy's Reply.

Teacher: "Tommy, where is the North Pole?"

Tommy: "Don't know."

Teacher: "You don't know?"

Tommy: "No'm. If Peary and Nansen and all those couldn't find it, how do you expect me to know where it is?"

Wife: I trust you will return from the school board meeting before midnight, at least.

Husband (who is a member): Can't do it. Going to select a school site to-night.

Wife: What; another! This makes twenty new sites you have helped to select in a year, and not even a new school house to be seen.

At the beginning of the war with Spain the teacher told the class something about the circumstances, and asked all who favored the war to hold up their hands. Up went every hand but Jack's. "Well, Jack, why are you opposed to the war?" asked the teacher. "'Cause, Miss Sophie, war makes history, an' there's more now'n I can ever learn."



"How was Ethelinda's graduation essay?"

"Beautiful," answered the proud sister; "we spared no expense in ribbons to bind it, and I have no hesitation in saying it was the most becoming essay in the class."

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SLATINGTON, PA.

#### WHAT IS A STEREOGRAPH?

Did you ever look at duplicate photographs through a stereoscope? Did you ever notice that some of these duplicates look flat like any photograph would under the bare eye? And then again did you ever notice that others assume life, atmosphere and distance—as if everything were real? You can while looking through the stereoscope almost touch the objects and feel yourself in their presence. You seem to live and breathe with the people you see and in the scenery which is unfolded to your eye.

Such a photograph or duplicate photograph is more properly called a "stereograph." No less a personage than Oliver Wendell Holmes coined the name.

In describing the stereograph we speak of duplicates of photographs. Strictly speaking this is incorrect. They are not exact duplicates—since one picture is taken as seen by the left eye while the other is taken as seen by the right eye. This may be a somewhat elementary method of describing the stereograph but it appears to us the most direct way of making it absolutely clear to the popular mind.

When these two dissimilar pictures are combined in the stereoscope the effect is more—much more—than the best picture. The finest paintings only suggest depth by lights and shades; by making near objects large and clear, and remote objects small and dim; by placing background above foreground, etc. In the stereograph these principles are combined with another, which is of far greater importance than any or all the devices just mentioned. It is a fact well known to all who have given attention to the subject that, as Professor LeConte has said, our judgment of space and distance, every day of our lives, depends on our having two eyes. In looking at objects—especially those comparatively near—the images as seen by the two eyes are very different, because the objects are seen from different positions. Hold the right

hand (with thumb toward the face) about ten inches from the eyes. Closing the left eye note carefully the image of the hand as it appears to the right eye. Now open the left eye, and the palm which was invisible, has appeared. It will be plain that the two images are essentially dissimilar.

In addition to this difference of eye images it will be noted that the eyes turn more toward the nose in looking at near than at remote objects. The effort to look at a finger held upright three inches from the nose will produce a feeling of strain in the eyes due to the muscular effort to turn them together to look at the near object. It is plain that this muscular tension will decrease as the finger is moved farther away.

These two conditions, viz., differences of eye-images, and differences of muscular effort re-

quired to look at points of varying remoteness, are the base of all accurate sight judgments. These conditions enable us to judge the distance of objects from us and from each other, and determine relative sizes.

These conditions are met in the stereograph, but in no other form of representation.

The firm of Underwood & Underwood of New York City has for some years gathered splendid collections suitable for school use.

A special School Stereoscope which is a model of lightness, strength and economy has been prepared. Optically it is equal to the highest priced instruments. It is made of walnut and aluminum, and fitted with dark chamber hood and folding handle. The patent process by which its lenses are set precludes all possibility of their being loosened or lost. The firm warrants the lenses and this setting for a lifetime.

#### DUST MENACE IN SCHOOLS.

Dust raised by negligent janitors, who fail to open the windows when they sweep schoolrooms, is declared by Dr. Arthur R. Reynolds, the Chicago Commissioner of Health, to be a menace to the health of the school children. He has recommended to the board of education that such janitors be handled with anything but gloves.

Dr. Reynolds, finding on investigation that the conditions in nearly all the schoolrooms of the city were thoroughly unsanitary and, in fact, dangerous, sent a communication to Graham H. Harris, president of the school board, telling the result of the investigation and advising that rigid rules be adopted to compel the janitors to work differently.

"The ordinary man has no idea of the danger which lurks in the dust of the schoolroom," says Dr. Reynolds. "It is the duty of each janitor to open all the windows of a schoolroom when he does the sweeping, that the dust may blow out of doors, for all of it which remains settles in different places and the room, while it may

look a little cleaner, is in reality in a worse condition than before, because the germs and microbes have been stirred up and float about the room with the particles of dust. The children inhale this. I have found that in some cases the rooms are swept while the children are at their work. This should not be done under any circumstances and yet I find that it is a common practice with some janitors, who desire to get through with their work early so they may go home.

"Whenever the room is swept while the children are in them there is always a great coughing and sneezing, just as one sees when dust is stirred up any place. It is bad enough when the children enter the room after the sweeping is done, but infinitely worse when they are compelled to stand it while the sweeping is going on.

Every window which can be opened should be opened while the floors are being swept. Of course some of the dust—in fact a great deal of it—will remain in the building even then. After the floors are swept the dust should be allowed to settle thoroughly. After this has taken place the floors should be wiped with a damp mop every morning before the children arrive and all the desks and seats should be wiped off with a damp cloth.

This will make the rooms as clean as possible and certainly they can be made none too clean, for the lives of the children are endangered when negligence is allowed.

The board will in all probability solve the matter by using dustless brushes.

#### THE VALUE OF CHARCOAL.

Few People Know How Useful It is in Preserving Health and Beauty.

Nearly everybody knows that charcoal is the safest and most efficient disinfectant and purifier in nature, but few realize its value when taken into the human system for the same cleansing purpose.

Charcoal is a remedy that the more you take of it the better; it is not a drug at all, but simply absorbs the gases and impurities always present in the stomach and intestines and carries them out of the system.

Charcoal sweetens the breath after smoking, drinking or after eating onions and other odorous vegetables.

Charcoal effectually clears and improves the complexion, it whitens the teeth and further acts as a natural and eminently safe cathartic.

It absorbs the injurious gases which collect in the stomach and bowels; it disinfects the mouth and throat from the poison of catarrh.

All druggists sell charcoal in one form or another, but probably the best charcoal and the most for the money is in Stuart's Absorbent Lozenges; they are composed of the finest powdered Willow charcoal, and other harmless antiseptics in tablet form or rather in the form of large, pleasant tasting lozenges, the charcoal being mixed with honey.

The daily use of these lozenges will soon tell in a much improved condition of the general health, better complexion, sweeter breath and purer blood, and the beauty of it is, that no possible harm can result from their continued use, but on the contrary, great benefit.

A Buffalo physician in speaking of the benefits of charcoal, says: "I advise Stuart's Absorbent Lozenges to all patients suffering from gas in stomach and bowels, and to clear the complexion and purify the breath, mouth and throat; I also believe the liver is greatly benefited by the daily use of them; they cost but twenty-five cents a box at drug stores, and although in some sense a patent preparation, yet I believe I get more and better charcoal in Stuart's Absorbent Lozenges than in any of the ordinary charcoal tablets."



## RECENT PATENTS GRANTED.

MAP. Alphons van der Grinten, Chicago, Ill.



A map of the entire surface of the earth formed by straight lines and circular arcs indicating the equator and parallels and the intersecting meridians and so arranged that the equator is intersected at intervals proportioned to the longitude or difference of time on the earth without causing any alteration of length, area or angle along the equator, the meridional parts between the parallels continuously increasing toward the poles in such manner that the rate of increase of area and the rate of decrease of angle formed by the intersection of parallels and meridians, are simultaneously minimized.

## SUPPLIES AND EQUIPMENT.

During the first ten days of February, The Columbia School Supply Co., of Indianapolis, Ind., sold complete Crowell Cabinets to the following schools: Sacred Heart Academy, Louisville, Ky.; Brother Albert, St. Louis, Mo.; Warsaw, Ill.; Kingfisher, Okla.; also Kingfisher College, Kingfisher, Okla. They also closed contract for eight complete cabinets for a prominent Indiana high school.

The Hetterschied Manufacturing Works of Grand Rapids, Mich., makes a specialty of drawing tables for schools and colleges. They are of the latest improved pattern and combine in themselves elements of beauty in design as well as several features of convenience of utility.

New Bedford, Mass. The Book Covers of the Holden Patent Book Company have been used for many years. The authorities consider them a good investment, both from the standpoint of economy and of health. The covers supplied by the company have always been satisfactory, and all that is claimed for them.

Great Works, Me. The Monson slate blackboards for the new school have been furnished by Allen & Tottman, Old Town, Me.

Savannah, Ill. Agents representing themselves as connected with a Chicago firm have swindled a number of La Crosse, Kernon and Monroe county district school boards out of books and supplies that never came.

Watervliet, Mich. A Tiffany Industrial Cabinet has been purchased for school use.

Friends of R. M. F. Jones, the well-known general agent of the American School Furniture Company of New York, will be pained to know of an accident which happened to him at Parkersburg, W. Va. In attempting to board a street car he slipped and was thrown with terrible force against the platform, rendering him unconscious. Beyond a severe shaking up and a bad sprain no serious results were experienced.

A. L. Bemis, Worcester, Mass., manufacturer of manual training supplies, has supplied the following schools with his benches: San Juan, Porto Rico; Washington, D. C., and Melrose, Mass.

The Smith-Premier Typewriter Company, of New York City, have furnished the following schools with their No. 2 machine: Auburn high school, Auburn, N. Y.; Greenwich high school, Greenwich, Conn.; Trenton high school, Trenton, N. J.; the boards of education of Dover and Elizabeth, N. J., three machines each.

Moberly, Mo. A supply of floor brushes bought from Milwaukee Dustless Brush Co.

The W. A. Choate Co., of Albany, N. Y., presented its patrons at the beginning of the year with a neat pocket slate for memorandums.

The Milton-Bradley Co., of Springfield report a most successful business for 1903 in the history of that useful and energetic concern. The demand for its school and kindergarten material has increased steadily from year to year.

## Plaster Casts

## FOR DRAWING AND MODELING:

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for

## SCHOOL ROOM DECORATION.

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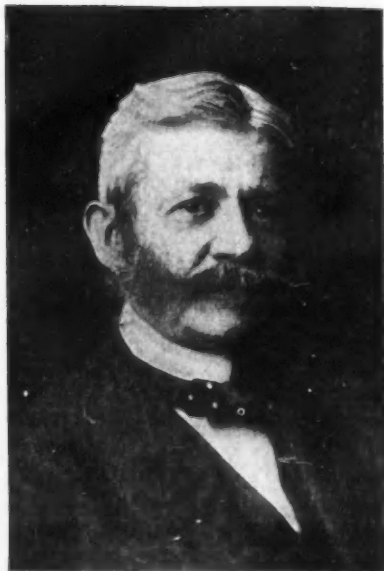
We do first-class work only, and at very reasonable prices.

Bunde & Upmeyer Co., Jewelers, 71-75 Wisconsin Street, MILWAUKEE, WIS.

Reading, Pa. The use of slates has been abolished in the fifth and sixth grades.

The highest possible standard of manufacturing has been developed by the Holden Book Cover Co., of Springfield, Mass. in making their book cover and repairing material. It is seldom that an article is kept up in every detail as this remarkable cover—the material made by a special and patent process is the strongest known to the trade and is in reality not a paper but a leatherette, pure and unfinished and treated chemically, so as to give additional qualities of being water-proof and germ-proof.

Chicago, Ill. The Ackerman Programme Clock Company requested permission to install one of their programme clocks in the R. T. Crane Manual Training High School at no cost to the school board. The request was granted with the proviso that said clock was to be at the risk of the owner while in the building.



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HALL & RUCKEL, NEW YORK

Baltimore, Md. The school board has purchased eleven Smith-Premier, eleven Remington and twelve Hammond typewriters.

Cohoes, N. Y. Rand, McNally & Co., Chicago, have been awarded a contract to supply the schools with ten maps of the world.

Binghamton, N. Y. The board has passed a resolution authorizing the superintendent to enforce fire drills in the school buildings, at least once a week, for a month, at the end of which he is to report to the board on the experiment.

Decatur, Ill. The board has purchased desks for the new E. A. Gastman school from the American School Furniture Co., and opera chairs from Thomas Kane & Company Works.

New Britain, Conn. Contracts for school furniture have been awarded to W. J. Dunlay & Co., and to the Chandler Adjustable Chair & Desk Co.

Milwaukee, Wis. The board has awarded a contract for ten bales of raffia to Chas. W. Jacob & Allison, New York. The use of Eagle Pencil Company and Jos. Dixon Crucible Company black crayons and holders has been authorized.

Chicago, Ill. The Atlas School Supply Company has been incorporated with a capital of \$15,000. A. N. Eastman, Frank White and H. F. White are named as the incorporators.

Auburn, N. Y. The board has awarded the contract for school supplies for 1904 to Walker & Jones.

Pomona, Cal. C. F. Weber & Co., San Francisco, have the contract for supplying olive green blackboard in the new high school.

The McConnell School Supply Co., of Philadelphia, has issued maps of Russia, Japan and China, showing the interesting war district, at \$5.00 per hundred.

Smith-Premier typewriters have been purchased for use in the schools in Cambridge, Dedham and Quincy, Mass.

Wadena, Minn. Two Smith-Premier typewriters purchased for the schools.

### PENDENT GLOBES.

The interests of the Pendent Globe Company of Appleton, Wis., have been purchased by the Caxton Company of Chicago. Mr. L. P. Denoyer, who was the manager of the former company has taken charge of the globe department of the Caxton Company.

The pendent globe—or rather the pendent feature of the globe—is an established success. The improvement embodied in the idea of raising a suspended globe after its use in the classroom has met with general recognition.

Mr. Denoyer will prove a valuable acquisition to the Caxton Company. He is an energetic and enthusiastic salesman who never misses an opportunity to promote the interests he represents.

Prof. W. R. Garrett, of Nashville, Tenn., former state superintendent of Tennessee and president of the National Educational Association, died last month after a brief illness.

Cornell University is about to erect two buildings at an expense of \$250,000 each. One is the Rockefeller Hall of Physics; the other is the Goldwin Smith Hall of Languages. The latter will be placed on the stone quadrangle, and will include a large museum of archaeology; the other will stand on the high ground east of the main quadrangle.

Hon. Walter E. Ranger, state superintendent of the State of Vermont, is taking the necessary steps to make school savings a feature of the education of the young citizens of that State.

The board of education of Grand Rapids, Mich., has under consideration the idea of substituting stamp savings to direct penny savings in the school savings bank system adopted in their school in 1890. Some one has remarked that stamps are playthings in the hands of the children, and as such they have no room in the school, for the reason that we ought to teach the children of to-day what they will have to do when they grow up to manhood and womanhood.

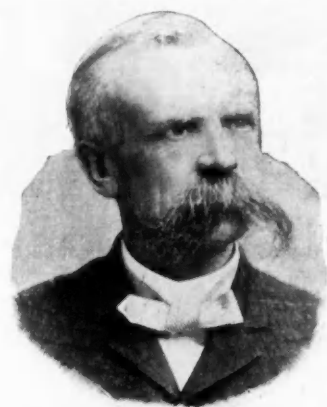
### A SLATE MAN IN THE SLATE REGION.

If natural slate is as enduring as the ordinary monument of bronze then the men who are identified with the slate industry have many lasting monuments through the land to point to. At least the slate monuments are of a most utilitarian character.

For many years the writer has met, in the commercial channels of various cities, the representatives of the natural slate industry. He has listened to the descriptions made by these sturdy men of the great quarries, the advantages of natural slate for schoolroom use, etc.

It became our good fortune, however, recently to drop into the very heart of the slate region in Pennsylvania and among others met Mr. James L. Foote, who is a widely known dealer in slate. His sales extend over every state and territory of the Union and even largely into foreign lands.

He lives on the crest of the hill upon which is situated the City of Slatington, which lies in the center of the largest slate region in the world.



Prof. W. B. Powell, former superintendent of schools at Washington, D. C., died early last month at his home in Mount Vernon, N. Y. Mr. Powell began his activity in school work in Wisconsin nearly fifty years ago. He was a man of exceptional ability and enjoyed a wide acquaintance among the educators of the nation.

His office is located on the main street of the city in one of the best business blocks. Here Mr. Foote may be found at his desk every morning, after which he may be seen driving to one of the slate quarries located between the neighboring hills.

Mr. Foote and his wife constitute practically the only Yankee family in the town, being natives of Massachusetts. The population consists mainly of Pennsylvania Dutch. Mrs. Foote, who is a most intelligent and progressive lady, takes an active interest in the social and religious growth of the community. She also, in the absence of her husband from the city, takes active participation in the business relating to his slate interests, displaying splendid tact and judgment.

The great stone quarries form an interesting sight. The great pits, or holes in the ground, are frequently from one to two hundred feet wide and three hundred feet deep.

The process of wresting the huge blocks of slate from their ancient bedding, the sawing and splitting into sizes and forms to make them usable, is an interesting process which we shall describe more minutely at another time.

### BOOKMEN.

Mr. L. M. Dillman, the assistant manager of the American Book Co., at Chicago, was married last month to Miss Gunn, of San Francisco. The newly married couple has the well wishes of thousands of friends and the blessings of the School Board Journal.

Frank R. Ellis of the American Book Company, Cincinnati, is taking an active part in the preparations for the great May Music Festival to be held at that city. Mr. Ellis is a member of the Board of Directors of the Cincinnati Musical Festival Association.

### Manual Training

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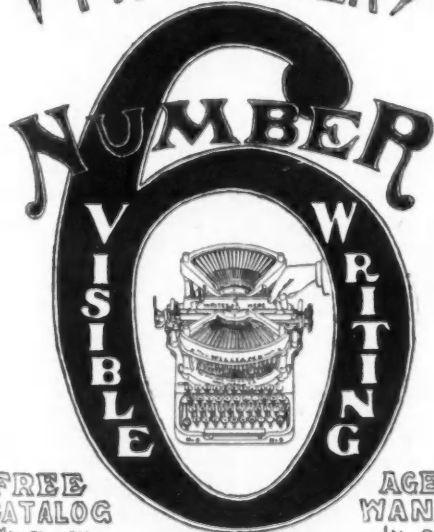
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DEAL



## ARKANSAS.

Eldorado—Plans wanted for \$20,000 school. Address H. W. Goodwin, secretary. Little Rock—School to be erected. Hot Springs—8-room school to be erected. Address Dr. O. J. Short. Ft. Smith—Architect H. E. Hewitt, Peoria, Ill., prepared plans for the 12-room school.

## CALIFORNIA.

Corona—High school to be erected. Los Angeles—Westlake school planned by Architect John C. Austin. Stockton—Plans being prepared for \$120,000 high school.

## COLORADO.

Denver—Several new buildings to be built for Denver University. Address Chancellor Buchtel. Plans of Architect D. W. Dryden call for 27-room school to cost \$113,000. Golden—Architects Roe & Gile, Pueblo, have planned \$23,000 Boys' Industrial school.

## CONNECTICUT.

Torrington—Architect E. H. Waterbury is preparing plans for 8-room school. Allington—2-story school to be erected.

## DISTRICT OF COLUMBIA.

Washington—Business high school to be erected.

## FLORIDA.

Crescent City—School to be erected.

## GEORGIA.

Athens—C. M. Strahan has prepared the plans for the Chemistry building for the State University. Dawson—\$20,000 school planned. Locust Grove—School to be erected. Cost, \$10,000.

## IDAHO.

Lewiston—School under construction. Kootenai—School to be erected.

## ILLINOIS.

Springfield—Plans prepared for addition to Feltsbans school. Rosemond—School will be erected. Waynesville—School to be erected. Kewanee—\$75,000 consolidated high school to be built. Athens—School to be built. Peoria—School to be erected. Waukegan—School will be erected. J. W. Reardon, secretary. Hillsboro—School to be built. Chicago—6-room addition Smyth school, \$45,000. 12-room school, Jefferson Park, \$95,000. 24-room school Schubert and Monticello avenues, \$170,000. 20-room school 28th street and 40th court, \$150,000. 22-room school 27th street and Sawyer avenue, \$160,000. 12-room building Polk street, \$90,000. 24-room building Homan avenue and 65th street, \$95,000. 20-room school on site of Cameron branch, \$160,000. 18-room school, Ohio street, \$140,000. 6-room addition Audubon school, \$45,000. 9-room addition Blaine school, \$75,000. 6-room addition, Van Vliissingen school, \$45,000. 12-room addition, Cornell school, \$85,000; 12-room addition, Harvard school, \$95,000. 20-room school on site of Jenner school, \$150,000. \$35,000 parochial school according to plans of Architect H. L. Ottenheimer. Staunton—Architect Edw. Spilman, Edwardsville, Ill., has prepared plans for 2-story parochial school. Winnetka—High school according to plans of Architect W. A. Otis. Chicago. Bushnell—\$15,000 of bonds voted for new school. Chicago—12-room addition to Curtis school. Voted to build \$150,000 school at Morgan and Erie streets. Carthage—Architects Reeves & Baillie, Peoria, prepared plans for a two-story high school. Pontiac—Architect J. W. Hercules prepared plans for \$7,000 addition to Central school. Belleville—School to be erected. Aurora—High school to be built. Pekin—\$15,000 school to be erected. Ottawa—School to be erected.

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## INDIANA.

Kendallville—High school to be erected. Muncie—School for the North side. Zionsville—Girls' Industrial school to be built. Wabash—School to be rebuilt. Franklin—The 2-story, \$30,000 high school was planned by Architects Harris & Shopbell, Evansville. Markle—2-story, 6-room, \$12,000 school according to plans of Architect Cuno Kibele, Bluffton, Ind. Michigan City—Architect F. S. Allen, Joliet, Ill., has plans for two 8-room and two 4-room schools. Shelbyville—School under construction. Indianapolis—Architects Vonegut & Bohn prepared plans for the addition to high school. Industrial school for girls to be erected. New Albany—\$61,000 of bonds voted for high school. Kingsbury—School to be erected. Bremen—New school. H. F. Frazier, architect, Napanee. Markle—2-story, \$12,000 school. Cuno Kibele, architect, Bluffton. Rushville—School to be erected. New Albany—\$100,000 school to be built.

## INDIAN TERRITORY.

Muskogee—Plans for two schools prepared, one by Architects McKibban & McKibban, the other, by Sudhoelter & Rue. A. E. Bonnell, secretary. Comanche—\$12,500 for school.

## IOWA.

Sioux City—\$20,000 school to be erected. Jefferson—\$20,000 of bonds issued for school. Des Moines—Architects Proudfoot & Bird are preparing the plans for the \$275,000 science building for the State University. Dubuque—\$30,000 school to be erected. Sandyville—School to be erected. Le Mars—Architects Atchinson & Edbrooke, Chicago, Ill., are preparing plans for the 2-story, \$35,000 high school. Carydon—\$12,000 school to be erected. Davenport—Architects Clausen & Burrows will plan the \$175,000 high school. Des Moines—\$45,000 Agricultural College building by Architects Smith & Gage. Cedar Rapids—Addition to Taylor school. Indianola—Plans for Simpson College prepared. Cost, \$20,000. Jewell Junction—Lutheran College to be rebuilt.

## KANSAS.

Cottonwood Falls—Two-story school to be erected. Coffeyville—Plans by Architect Geo. S. Colby for two 6-room schools. Holton—School to be erected. Wichita—County high school to be erected. Paola—4-story addition to Ursuline Academy according to plans by Architect A. B. Anderson, Kansas City, Mo. Salina—\$10,000 school to be erected. Herrington—School to be erected. Leavenworth—High school to be erected.

## KENTUCKY.

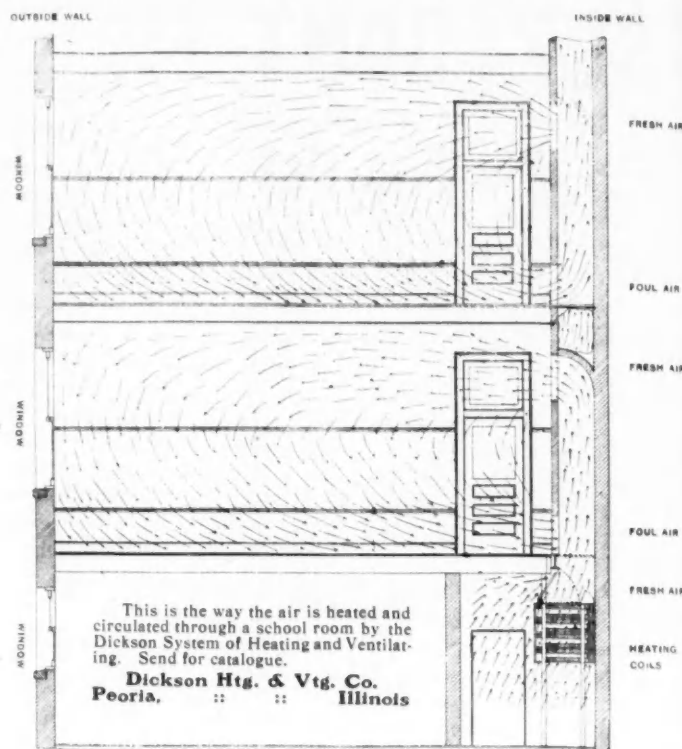
Lexington—Two schools under construction.

## LOUISIANA.

Haynesville—Plans are being prepared by Architect M. M. Kendrick for high school. Lake Charles—Parochial school to be erected. Bedford—\$12,000 school to be erected.

## MASSACHUSETTS.

Boston—Tucker school to be erected. Winchendon—School to be erected. Brighton—Grammar school to be erected. Turners Falls—\$50,000 high school to be erected. E. C. & G. C. Gardner, architects, Springfield. Salem—\$250,000 high school to be erected. Address J. N. Peterson. Brookline—Plans according to Architect J. A. Schweinfurth for addition to Pierce school. Marblehead—\$40,000 primary school under construction. Kilham & Hopkins, architects, Boston. Allston—Stickney & Austin are the architects for the new school. Northampton—School to be erected at a cost of \$50,000. Malden—School to be erected. Peabody—\$100,000 high school under consideration. E. B. Balcomb, architect, Salem. Brockton—4-room school



to be built. Dorchester—Parker & Thomas are the architects for the \$120,000 school.

## MICHIGAN.

Three Rivers—High school to be rebuilt. Hillsdale—High school to be erected. Mason—County Normal school under construction. Marlette—Parochial school to be erected. Grand Rapids—French parochial school to be erected. \$200,000 manual training school. 8-room parochial school according to plans by J. H. Davenport & Son. Grosse Pointe—School to be erected. Calumet—\$3,500 school by Architect H. T. Liebert, Hancock. Houghton—Michigan College of Mines will erect \$30,000 school. Plans preparing. Iron River—\$25,000 of bonds voted for school.

## MINNESOTA.

Hills—Plans wanted for 4-room school. Address S. J. Froshaug, clerk. Wilson—School planned by Architects C. G. Maybury & Son, Winona, Minn. St. Anthony—School to be erected. Ada—Architects Omeyer & Thorl, St. Paul, planned the 2-story, 11-room, \$25,000 high school. Gaylord—The 8-room, \$16,000 school will be rebuilt according to plans of Architect L. A. Papke. St. Cloud—School to be erected. Pennock—High school to be erected. Mayer—School to be erected. Winona—\$800,000 school for School of Agriculture according to plans by state architect.

## MISSISSIPPI.

Baldwyn—\$6,000 of bonds voted for school. Address J. C. Bell.

## MISSOURI.

Macon—Two-story school planned by Architect J. H. Felt, St. Joseph, cost \$30,000. Hannibal—High school to be erected. Columbia—Bond issue of \$25,000 carried for school. F. P. Miller, architect. Graham—Architect A. A. Searcy, Maryville, prepared plans for

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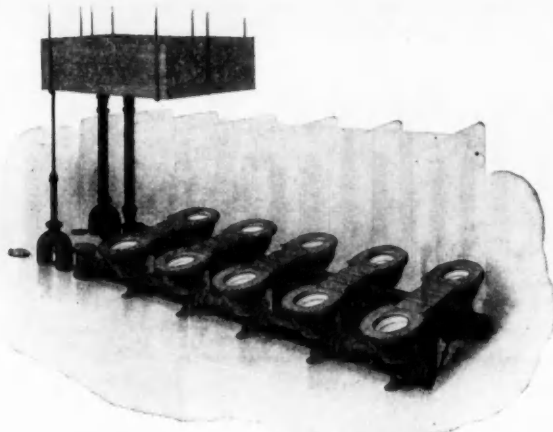
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2-story school. Elsberry—\$12,000 school to be erected. Macon—2-story school according to plans of Architect J. H. Felt, St. Joseph. St. Joseph—\$100,000 manual training school to be erected. Oakland—School to be erected. Address M. G. Harris, Elmer—School to be erected.

### MONTANA.

Great Falls—School to be erected. Poplar—School to be built.

### NEBRASKA.

Humphrey—Parochial school to be erected. Adrian Wemer, architect. York—Bonds voted for \$28,000 addition to high school. Kearney—Normal school to be erected. Winside—School to be erected. Omaha—\$34,000 school to be erected on Broadway and 16th streets.

### NEW HAMPSHIRE.

Dover—Plans of Architect A. T. Ramsdell accepted for high school.

### NEW JERSEY.

Atlantic City—Parochial school according to plans of Architect H. G. Dagit, Philadelphia, Pa. Ridgefield Park—Architect Samuel A. Brouse has prepared plans for the addition to the school. Burlington—G. W. & W. D. Hewett are the architects for the \$22,000 school. Woodbury—School to be erected. Address John Redfield, secretary. Plainfield—Architects Hale & Morse, Philadelphia, Pa., planned the \$100,000 high school. Jersey City—Site selected for high school. Roselle—\$60,000 school to be erected. Pontiac—School to be erected.

### NEW MEXICO.

Silver City—Plans of Architect Chas. F. Whittlesey, Albuquerque, accepted for \$22,000 normal school. Zuni—School to be erected on Indian Reservation. Las Cruces—\$15,000 school to be built.

### NEW YORK.

Poughkeepsie—\$20,000 school according to plans of Architect Jos. M. Lawlor, 220 Broadway, New York City. New York City—Plans by Architect C. B. J. Snyder for \$110,000 school, corner Longwood avenue and Beck street; \$80,000 school, corner 169th street and Ogden avenue; \$275,000 Hebrew school according to plans of Architects Berchman & Fox. Watertown—\$22,000 school to be erected. Munson—School to be built. Claverack—Architect M. O'Connor, Hudson, N. Y., has prepared plans for school. New York City—Hebrew Technical school, 2nd avenue and 15th street, cost \$275,000. Buchman & Fox, architects. Brooklyn—School to be erected on East 89th street. Pine Hill—New school to be erected. Albany—\$35,000 school to be erected.

### NORTH CAROLINA.

West Raleigh—\$50,000 building to be erected for

Agricultural and Mechanical College. Greensboro—State Normal to be rebuilt.

### NORTH DAKOTA.

Grand Forks—Architect Jos. Bell De Remer planned 8-room addition to Belmont school. Dickinson—Two schools to be erected. Litchville—School to be erected. Donnybrook—School to be built. Milnor—School to be erected. Medora—Two schools to be erected. Hensler—School to be erected.

### OHIO.

Salem—Two-story parochial school planned by Architect Wm. P. Glinther, Akron. Ashtabula—Architects Thayer & Wilson will prepare plans for the two schools. James Reed, clerk. Lorain—Three 8-room schools to be erected. E. E. Hopkins, clerk. East Liverpool—4-room school to be erected. Troy—\$30,000 school to be erected. Dayton—Plans being prepared for \$30,000 school. Cleveland—School to be erected at East and Woodland avenues. Akron—School to be erected. Delaware—\$75,000 school to be erected. Wilbur T. Mills, architect, Columbus. Bellaire—High school under construction. Amsterdam—School to be built. Cookesville—Two schools to be built. Marysville—School to be erected. Eaton—\$15,000 high school to be erected. Cleveland—Manual training school to be erected. Columbus—David Riebel is architect for \$80,000 school.

### OKLAHOMA TERRITORY.

Oklahoma City—Parochial school to be erected at a cost of \$125,000. Anadarko—12-room school to be erected. Leger—\$8,000 school to be erected. Oklahoma City—\$100,000 county high school to be erected. Sisters of Mercy Academy will erect school to cost \$125,000. Coweta—School to be built. Shawnee—County high school to be erected. \$50,000.

### PENNSYLVANIA.

New Castle—\$100,000 high school to be erected. Washington—Two schools to be built at a cost of \$100,000. Mauch Chunk—Second Ward school to be erected at a cost of \$30,000. Woodbine—School to be erected. Milford—High school. Cost \$16,000. Minersville—School to be built. Allegheny—\$40,000 Ward school to be erected. S. T. McClarren, architect, Thornburg. Burlington—Bond issue of \$23,500 for school. Philadelphia—Parochial school for Church of the Holy Ghost. Pittsburg—High school to be built. Philadelphia—\$100,000 girl's high school to be erected. Union City—High school to be erected. Germantown—2-story addition to Germantown Academy planned by Architects Perot & Bissell, Philadelphia. Sellersville—Architect A. O. Martin, Doylestown, has plans for addition to school. Address Dr. A. F. Fretz. Elwyn—2-story, \$16,000 addition to be made to Elwyn Training school. Walter Smedley, architect. Wilkes Barre—\$50,000

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parochial school to be erected. Naomipines—Architects Nicholson & Kelsker, Philadelphia, will prepare plans for Chautauqua schools. Cost, \$1,000,000. Rockwood—School to be built. Pittsburg—Plans preparing by Architect F. J. Osterling for \$50,000 addition to 11th Ward school. Indiana—Plans by Architect W. J. Shaw, Pittsburg, for two college buildings for State Normal school, cost \$70,000.

### SOUTH CAROLINA.

Greer—Architects Edwards & Walter, Columbia, are preparing plans for new school. Columbia—School to be erected. Conway—Plans to be prepared for school.

### SOUTH DAKOTA.

Springfield—Normal school to be erected. Watertown—2-story school to be erected. O. P. Johnson, clerk. Winfred—School to be erected. Vermillion—Addition to be erected to university. Stockholm—2-story school to be erected.

### TENNESSEE.

Chattanooga—High school to be erected. Jackson—\$5,000 ward school to be erected. McEwen—County high school to be established. Nashville—Plans prepared by Architects Thompson, Gibel & Asmus for St. Bernard's Academy. Lebanon—Addition to school. Thompson, Gibel and Asmus, architects. Lafayette—School to be rebuilt. West Point—\$10,000 school to be erected. Knoxville—Architect M. E. Parmelee planned 13th district school. Cleveland—New school to be erected. Eldson—School to be erected.

### TEXAS.

Marshall—Architect C. G. Lancaster has plans for school. Address E. Key. Celina—Bonds voted for \$10,000 school. Belton—12-room, 2-story school to be erected. Houston—\$163,000 school to be erected. Whitney—\$8,000 school to be erected.

### VIRGINIA.

Richmond—\$45,000 school to be erected according to plans of Architect H. J. Blauvet, Richmond, Va. Portsmouth—School to be erected. Glebes—\$6,000 school planned by Architect Arnold Eberhard, Norfolk. Fort Monroe—2-story school to be built. Newport News—State Normal to be erected.

### WASHINGTON.

Seattle—2-story, \$20,000 school to be erected.

### WISCONSIN.

Eau Claire—Addition to high school to be erected. Iron River—Architects Van Ryn & De Gelleke, Milwaukee, Wis., planned \$20,000 high school. E. S. Coe, Pres. Bd. of Ed. Random Lake—2-room school to be erected. J. W. Liebenstein, clerk. La Crosse—High school to be erected. Fond du Lac—Plans in progress for \$18,000 school. Milwaukee—North Side high school to be erected. \$70,000. Kenosha—Second Ward school to be built. \$30,000. Eau Claire—Parochial school to be erected. Elkhorn—\$25,000 school to be built. Racine—\$20,000, 6-room parochial school to be erected.

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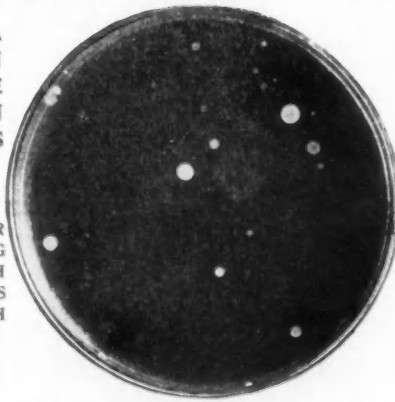
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# FOR School Public AND Public School

Fac Simile Portrait of  
Dr. Wm. T. Harris

## A Word About the Original.

The famous German artist, HERR ROBERT SCHADE, who has painted the portraits of many eminent men and women of both Europe and America, recently completed a successful painting of Dr. William T. Harris, the United States Commissioner of Education, Washington, D. C. This portrait is pronounced by those who know intimately the distinguished educator, and who are also an authority on works of this kind, as being a most remarkably lifelike production.

The artist happily succeeded in securing a facial expression, characteristic of his subject, and one with which his thousands of friends and admirers in the educational life of the United States, are familiar. The face is brought out in somewhat stronger physical vigor than the Doctor manifests at this time. The artist has here lent his subject something of the physical robustness implied by his intellectual strength.

## What Others Say About It.

**A Great Service.**  
The beautiful portrait of Dr. Harris has been framed, and now occupies a prominent place in the office. It is admirable in expression, coloring and every other particular. You have done a very great service in making this reproduction of the painting and in placing it within the reach of Dr. Harris' friends of whom there are so many.—Dr. Irwin Shepherd, Sec'y N. E. A., Winona, Minn.

**Best Ever Seen.**  
The beautiful portrait of Dr. Harris has been framed and placed in the Assembly Room of the Board of Education. It is one of the best pieces of work I have ever seen.—F. Louis Soldan, Superintendent of Schools, St. Louis.

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You do well to tell us it is a reproduction, else we might have thought you had sent the original. We will carefully frame and hang it in our office.—G. & C. Merriam Company, Springfield, Mass.

**Is Excellent.**  
The copy of oil painting of Dr. Harris is excellent.—James L. Penypacker, Mgr. Christopher Sower Co., Philadelphia.

**Simply Superb.**  
It is superb.—H. K. Pattengill, Editor, Moderator-Topics, Lansing, Mich.

**Is Admired.**  
We admire the picture of Dr. W. T. Harris and think it a fine piece of work.—Kindergarten Magazine Company, Chicago, Ill.

**Highly Prized.**  
You cannot imagine how highly I prize this picture. It is much the best portrait of Dr. Harris I have ever seen.—Dr. O. M. Baker, Springfield, Mass.

**A Splendid Reminder.**  
I admire very much the beautiful copy of Dr. Harris' portrait. I shall have it framed and put up in the office of the American Book Company, knowing that it will not only be an ornament, but will be a reminder of a great man, one whose range of thought and versatile pen have not been as fully appreciated by the American people as might have been expected.—Charles J. Barnes, Mgr. American Book Company, Chicago.

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Allow me to express my appreciation for the portrait of Dr. Wm. T. Harris. I shall have the picture framed.—E. G. Cooley, Superintendent of Schools, Chicago.

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The excellent portrait of Dr. Wm. T. Harris will have a permanent place in my office.—W. C. Martindale, Supt. of Schools, Detroit, Mich.

**Sustains All Claims.**  
The Dr. Harris portrait, it seems to me, fully sustains all the claims you make for it. It is a most excellent reproduction in color and I will immediately have it framed to hang in my private office. It is a good work of art, and it seems to me! is an excellent likeness of Dr. Harris.—Wm. S. Mack, Mgr. The Prang Educational Company, Philadelphia, Pa.

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I shall give the magnificent picture of Dr. Wm. T. Harris a conspicuous place in my office.—Edward Brooks, Supt. of Public Schools, Philadelphia, Pa.

**Will Value It.**  
It is fine. I am having it framed and shall value it highly.—C. A. Sibley, Sibley & Co., Boston, Mass.

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Your beautiful picture of Dr. Harris is already framed. It is positively a gift.—C. C. Birchard, C. C. Birchard & Company, Boston, Mass.

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## AMONG BOARDS OF EDUCATION.

Benton Harbor, Mich. The contract drawn by the board of education in which the teacher pledged she would neither marry nor leave her position for a better one, without giving thirty days' notice, has proven inefficient, and the board is now devising a different one for the coming year.

Massachusetts. Under the new school fund distribution law, the boards of education of towns having a valuation of \$2,500,000 or less, receive from 35 to 50 per cent. more than formerly.

Washington, Pa. A resolution was unanimously passed by the board of education dis-

approving of the melo-drama that records the experiences and dramatic escape of the Biddle brothers from jail, and all plays of similar character.

Fort Wayne, Ind. The board is considering the advisability of abolishing the vertical system of penmanship in the city schools.

Lincoln, Neb. The board, upon the recommendation of the superintendent of schools, has adopted the following rule governing corporal punishment. Corporal punishment shall be avoided when obedience may be obtained by milder measures, but the right to inflict such punishment shall be vested in the principal, who shall determine the manner in which said punishment shall be given. The principal may delegate the right to inflict corporal punishment to the teacher when deemed advisable. Striking the face and hands is strictly forbidden. Placing hands upon pupils in any manner for the purpose of punishment shall be considered corporal punishment. Whenever possible the co-operation of the parents should be secured.

Detroit, Mich. A recommendation has been made that a room for backward pupils be set apart and a teacher supplied for the department. Superintendent Martindale favors the plan and says that many pupils are in need of special attention.

A prominent physician of San Francisco, Cal., who has made a special study of schools and children, says that no child under thirteen or fourteen should do any home study.

St. Paul, Minn. The school board has appointed a committee to consider the advisability of modifying the course of studies in the high schools. The appointment is the result of general dissatisfaction of the present course and the continued demand for more practical education.

Fairbault, Minn. The limited spelling reform program of the N. E. A. has been adopted by the school board.

Moline, Ill. The school savings bank system has been introduced in the schools. The well-known method of issuing stamps to the pupils, as receipts, has been adopted.

Omaha, Neb. The board has employed a teacher of typewriting in the high school to work half a day at a salary of \$30 per month.

## A TEST EXPERIMENT.

**Peculiar Power Possessed by a New Medicine.**

Of new discoveries there is no end, but one of the most recent, most remarkable and one which will prove invaluable to thousands of people, is a discovery which it is believed will take the place of all other remedies for the cure of those common and obstinate diseases, dyspepsia and stomach troubles. This discovery is not a loudly advertised, secret patent medicine, but is a scientific combination of wholesome, perfectly harmless vegetable essences, fruit, salts, pure pepsin and bismuth.

These remedies are combined in lozenge form, pleasant to take, and will preserve their good qualities indefinitely, whereas all liquid medicines rapidly lose whatever good qualities they may have had as soon as uncorked and exposed to the air.

This preparation is called **Stuart's Dyspepsia**

Tablets, and it is claimed that one of these Tablets or lozenges will digest from 300 to 3,000 times its own weight of meat, eggs and other wholesome food. And this claim has been proven by actual experiments in the following manner: A hard-boiled egg cut into small pieces was placed in a bottle containing warm water heated to ninety-eight degrees (or blood heat); one of these Tablets was then placed in the bottle and the proper temperature maintained for three hours and a half, at the end of which time the egg was as completely digested as it would have been in a healthy stomach. This experiment was undertaken to demonstrate that what it would do in the bottle it would also do in the stomach, hence its unquestionable value in the cure of dyspepsia and weak digestion. Very few people are free from some form of indigestion, but scarcely two will have the same symptoms. Some will suffer most from distress after eating, bloating from gas in the stomach and bowels, others have acid dyspepsia or heartburn, others palpitation or headaches, sleeplessness, pains in chest and under shoulder-blades, extreme nervousness as in nervous dyspepsia, but they all have the same cause—failure to properly digest what is eaten. The stomach must have rest and assistance, and Stuart's Dyspepsia Tablets give it both, by digesting the food for it and in a short time it is restored to its normal action and vigor. At the same time the Tablets are so harmless that a child can take them with benefit. This new preparation has already made many astonishing cures as for instance, the following:

"After using only one package of Stuart's Dyspepsia Tablets I have received such great and unexpected benefit that I wish to express my sincere gratitude. In fact, it has been six months since I took the package and I have not had one particle of distress or difficulty since. And all this in the face of the fact that the best doctors I consulted told me my case was chronic dyspepsia and absolutely incurable, as I had suffered twenty-five years. I distributed half a dozen packages among my friends here who are very anxious to try this remedy." Mrs. Sarah A. Skeel, Lynnville, Jasper Co., Mo.

Stuart's Dyspepsia Tablets are sold by druggists everywhere at 50 cents for full-sized packages. A little book on "Stomach Diseases" mailed free by addressing F. A. Stuart Co., Marshall, Mich.



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Teacher—What does s-e-e spell?  
 Small pupil—Don't know.  
 Teacher—What do I do with my eyes?  
 Small pupil—Squint.

#### REWARD OF MERIT.

##### A New Catarrh Cure Secures National Popularity in Less Than One Year.

Throughout a great nation of eighty million it is a desperate struggle to secure even a recognition for a new article to say nothing of achiev-



ing popular favor, and yet within one year Stuart's Catarrh Tablets, the new catarrh cure, has met with such success that to-day it can be found in every drug store throughout the United States and Canada.

To be sure a large amount of advertising was necessary in the first instance to bring the remedy to the attention of the public, but everyone familiar with the subject knows that advertising alone never made any article permanently successful. It must have in addition absolute, undeniable merit, and this the new catarrh cure certainly possesses in a marked degree.

Physicians, who formerly depended upon inhalers, sprays and local washes or ointments, now use Stuart's Catarrh Tablets, because, as one of the most prominent stated, these tablets contain in pleasant, convenient form all the really efficient catarrh remedies, such as red gum, blood root and similar antiseptics.

They contain no cocaine nor opiate, and are given to little children with entire safety and benefit.

Dr. J. J. Reitiger of Covington, Ky., says: "I suffered from catarrh in my head and throat every fall, with stoppage of the nose and irritation in the throat affecting my voice and often extending to the stomach, causing catarrh of the stomach. I bought a fifty-cent package of Stuart's Catarrh Tablets at my druggist's, carried them in my pocket and used them faithfully, and the way in which they cleared my head and throat was certainly remarkable. I had no catarrh last winter and spring and consider myself entirely free from any catarrhal trouble."

Mrs. Jerome Ellison, of Wheeling, W. Va., writes: "I suffered from catarrh nearly my whole life, and last winter my two children also suffered from catarrhal colds and sore throat so much they were out of school a large portion of the winter. My brother, who was cured of catarrhal deafness by using Stuart's Catarrh Tablets, urged me to try them so much that I did so and am truly thankful for what they have done for myself and my children. I always keep a box of the tablets in the house and at the first appearance of a cold or sore throat we nip it in the bud and catarrh is no longer a household affliction with us."

Full sized packages of Stuart's Catarrh Tablets are sold for fifty cents at all druggists.

Send for book on cause and cure of catarrh mailed free. Address, F. A. Stuart Co., Marshall, Mich.

#### FIRES AND FIRE PROTECTION.

Moorehead, Minn. The building committee were instructed to at once provide for fire escapes on ward school buildings not now provided with them.

Fremont, Nebr. Fire drills have been inaugurated in the schools. The school buildings are being inspected with a view to determining whether they are adequately equipped with escapes.

Springfield, Ill. According to the opinion of City Superintendent Collins, the principal danger in fire drills lies in over-haste rather than in deliberate movements. The weekly fire drills have proven a success, the buildings being emptied in two minutes even when the pupils have taken time to secure their wraps.

Adrian, Mich. The school board took wise precautions in case of fire by placing 100 feet of hose on each floor of the Central school building.

Girard, O. The new building soon to be erected will have all necessary aids to quick egress. The board is desirous of erecting only such as will be safe and to this end fire-proofing the floors is being considered.

Milwaukee, Wis. Fire escapes on public school buildings is demanding the attention of the city council.

Lima, O. Thirteen hundred pupils have been deprived of school facilities by the closing of the high and 7th ward schools, because of lack of protection in case of fire.

Lewiston, Me. The attention of the school officials has been called to the need of fire escapes on three of the public schools in compliance with the law, which states that fire escapes must be placed on schools only where double exits are not provided on two-story buildings.

A board member said: "This law has been on the statutes for 21 years and our buildings have been in use all that time and it has not been enforced yet."

Bangor, Me. Fire drill in one of the public schools emptied the building of its 900 pupils in less than two minutes, the pupils taking time to secure their wraps from the cloak rooms.

Boston, Mass. Tuft's College has been equipped with more adequate fire protection.

Richmond, Ind. A committee of which the city fire chief was the chairman reported the high school safe but recommended the introduction of fire drills.

Marquette, Mich. Iron stairways will be placed on the outside of the city schools.

Lapeer, Mich. The school buildings are provided with the Kirker-Bender fire escape, manufactured by the Dowe Wire Works, Louisville, Ky.

Evanston, Ill. Six fire escapes have been demanded for the township high school. At present there are none on the building.

Somerville, Mass. A resolution was recently adopted urgently requesting that fire escapes be placed on the nine, three-story schools, and that facilities be provided for giving the fire signal from the boiler room as well as the head master's room.

Old Town, Me. The residents of the Great Falls district request that an additional exit be provided the new school before it is occupied.

St. Louis, Mo. Forty-four of the public school buildings are without fire escapes.

Brewer, Me. Fire drills have been inaugurated in the public schools.

New Haven, Conn. The statement is made that 48 buildings in the city are used as school-houses and not one of them is fire-proof. The "Fireproof Magazine" says: "Boards of Education and their respective architects and inspectors should be aroused to the full realization

of the main fact that it costs less than 10 per cent. more to build a school structure fire-proof in every detail than it does to build it fire-trap."

Newburyport, Mass. Superintendent of Schools, Wm. P. Lunt, has asked that better facilities for escape be provided the schools in cases of emergency.

Dr. H. H. Gadsby, principal of the high school at North Adams, Mass., does not believe in fire drills in the public schools. He says that any movement which is apt to excite the pupils under ordinary conditions would be most apt to work to great disadvantage in case of real peril.

Prof. Calvin M. Woodward, president of the St. Louis school board: "Nobody is so much concerned about the safety of the school children as the members of the school board. They fully realize their responsibilities and their duties. They are going far and beyond the city authorities, and even the law itself to provide for their safety. We have considered the safety of the children long before the Chicago theater disaster. There isn't anything going to be left undone which would make our public school buildings more safe in case of fire."

The most dangerous for children are the external ladders. It would be perilous for a child to attempt to descend on one of the ordinary fire escapes.

Fire drills in the Chicago schools have been objected to by some on the grounds that they excite the children unnecessarily and also subjects them to great exposure.

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cured—painless, safe and in the privacy of your own home—it is Pyramid Pile Cure. We mail a trial package free to all who write. That will give you instant relief, show you the harmless, painless nature of this great remedy and start you well on the way toward a perfect cure. Then you can get a full sized box from any druggist for 50 cents, and often one box cures. If the druggist tries to sell you something just as good, it is because he makes more money on the substitute. Insist on having what you call for. The cure begins at once and continues rapidly until it is complete and permanent. You can go right ahead with your work and be easy and comfortable all the time. It is well worth trying. Just send your name and address to Pyramid Drug Co., 208 Main St., Marshall, Mich., and receive free by return mail the trial package in a plain wrapper. Thousands have been cured in this easy, painless and inexpensive way, in the privacy of the home. No knife and its torture. No doctor and his bills.

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Omeyer &  
W B Parso  
F S Allen.

APPAR  
The A H A  
Columbia S

E W A Ro  
Standard S  
Caxton Co  
Union Sch  
McConnell  
L A Murra  
Central Sch  
Haney Sch

APPAR  
Columbia S

Bunde & U  
Central Sch  
Fr Koch Co

BEL  
Central Sch  
The A H A  
E W A R  
Standard S  
Union Sch  
McConnell  
L A Murra  
Phillips Sch  
Standard C

BELLS-  
St Louis M  
E W Van

BLACK  
New York  
Central Sch  
The A H A  
Union Sch  
E W A R  
Standard S  
Caxton Co  
McConnell  
L A Murra  
Haney Sch  
Standard C  
Am School

BLACK  
Chapman B

BLACK  
Excelior S  
Slatington-  
E J Johns  
Chandler A  
Works  
Central Sch  
American S

Cleveland  
Grand Rap  
Thos Kane  
The A H A  
The Caxton  
E W A R  
Standard S  
Columbia

McConnell  
L A Murra  
Haney Sch  
N Y Silica  
Phillips Sch  
Chapman B  
Standard C  
N. J. Chu  
Co.  
Am School

(S  
Central Sch  
Standard S  
E W A R  
The A H A  
Central Sch  
L A Murra

ES



# Directory for School Supplies

The names given below are those of the leading and most reliable School Supply Houses in the United States. None other can receive a place in this Directory. Everything required in or about a School House may be secured promptly and at the lowest market price by ordering from these Firms.

## ARCHITECTS—SCHOOL.

P Hicks.....Omaha, Neb  
Omyer & Thorl.....St. Paul, Minn  
H Parsons & Son Co.....Des Moines, Ia  
F S Allen.....Joliet, Ill

## APPARATUS—GENERAL.

The A H Andrews Co.....Chicago  
Columbia School Supply Co.....Chicago  
W A Rowles.....Indianapolis, Ind  
Standard School Furn Co.....Chicago  
Caxton Co.....Chicago  
Union School Furnishing Co.....Chicago  
McConnell Sch Supply Co.....Phila  
L A Murray & Co.....Kilbourn, Wis  
Central Sch Supp H.....Chicago & N Y  
Haney Sch F Co.....Grand Rapids, Mich

## APPARATUS—SCIENTIFIC.

Columbia School Supply Co.....Chicago  
Indianapolis, Ind

## BADGES.

Bunde & Upmeyer, 71-75 Wis. St.  
Milwaukee  
Central School Supply House, Chicago  
F Koch Co.....Newark, N J

## BELLS—DEALERS.

Central School Supply House.....N Y  
The A H Andrews Co.....Chicago  
W A Rowles.....Chicago  
Standard School Furn Co.....Chicago  
Union School Furnishing Co.....Chicago  
McConnell Sch Supply Co.....Phila  
L A Murray & Co.....Kilbourn, Wis  
Phillips Sch Supp H.....Williamsport, Pa  
Standard Cabinet Works, Buffalo, N.Y.

## BELLS—MANUFACTURERS.

St Louis Bell Foundry.....St Louis  
E W Van Duzen Co.....Cincinnati, O

## BLACKBOARDS—COMPOSITION.

New York Silicate Slate Co.....New York  
Central Sch Supp H.....Chicago & N Y  
The A H Andrews Co.....Chicago  
Union School Furnishing Co.....Chicago  
W A Rowles.....Chicago  
Standard School Furniture Co.....Chicago  
Caxton Co.....Chicago  
McConnell Sch Supply Co.....Phila  
L A Murray & Co.....Kilbourn, Wis  
Haney Sch F Co.....Grand Rapids, Mich  
Standard Cabinet Works, Buffalo, N.Y.  
Am School Furn Co.....N. Y., Chicago

## BLACKBOARDS—OUTLINE.

Chapman Bros. & Co.....Seattle, Wash.

## BLACKBOARDS—SLATE.

Excelsior Slate Co.....Pen Argyl, Pa  
Slatington-Bangor Slate Syndicate.....Slatington, Pa  
E J Johnson & Co.....New York  
Chandler Adj Chair & Desk.....Boston  
Central Sch Supp H.....Chicago & N Y  
American School Furn Works.....Chicago  
Cleveland School Furn Works.....Cleveland  
Grand Rapids School Furn Co.....Grand Rapids  
Thos Kane & Co Works, Racine, Wis  
The A H Andrews Co.....Chicago  
The Caxton Co.....Chicago  
E W A Rowles.....Chicago  
Standard School Furn Co.....Chicago  
Columbia School Supply Co.....Indianapolis, Ind  
McConnell School Supply Co.....Phila  
L A Murray & Co.....Kilbourn, Wis  
Haney Sch F Co.....Grand Rapids, Mich  
N Y Silicate Book Slate Co.....New York  
Phillips Sch Supp H.....Williamsport, Pa  
Chapman Bros. & Co.....Seattle, Wash.  
Standard Cabinet Works, Buffalo, N.Y.  
N. J. Church School Furniture Co.....Trenton, N. J.  
Am School Furn Co.....N. Y., Chicago

## BLANKS.

(See School Blanks.)

## BLINDS.

Central Sch Supp H.....Chicago & N Y  
Standard School Furn Co.....Chicago  
E W A Rowles.....Chicago  
The A H Andrews Co.....Chicago  
Central School Supply Co.....Chicago  
L A Murray & Co.....Kilbourn, Wis

## BOOK-COVERS.

Holden Book Cover Co.....Springfield, Mass  
Stronghurst Mfg. Co.....Stronghurst, Ill

## BOOK DISINFECTING CABINETS.

Standard Cabinet Works, Buffalo, N Y

## BRUSHES.

(For Dustless Sweeping)  
Milw. Dustless Brush Co.....Milwaukee, Wis

## CHARTS.

Central Sch Supp H.....Chicago & N Y  
The A H Andrews Co.....Chicago  
Thomas Kane & Co.....Racine, Wis  
E W A Rowles.....Chicago  
Standard School Furn Co.....Chicago  
Rand, McNally & Co.....Chicago  
The Caxton Co.....Chicago  
Union School Furnishing Co.....Chicago  
A J Nystrom & Co.....Chicago  
McConnell Sch Supply Co.....Phila  
L A Murray & Co.....Kilbourn, Wis  
Haney Sch F Co.....Grand Rapids, Mich  
Milton-Bradley Co.....Springfield, Mass  
Phillips Sch Supp H.....Williamsport, Pa  
Chapman Bros. & Co.....Seattle, Wash.  
Standard Cabinet Works, Buffalo, N.Y.  
Am School Furn Co.....N. Y., Chicago

## CLASS PINS.

Bunde & Upmeyer, 71-75 Wis. St.  
Milwaukee

## CLOCKS—PROGRAM.

Columbia School Supply Co.....Indianapolis, Ind  
Fred Frick Clock Co.....Waynesboro, Pa

## COMMERCIAL STATIONERY.

Central Sch Supp H.....Chicago & N Y  
McConnell Sch Supply Co.....Phila  
The Caxton Co.....Chicago  
E W A Rowles.....Chicago  
Standard School Furn Co.....Chicago

## CRAYON.

The A H Andrews Co.....Chicago  
Union School Furnishing Co.....Chicago  
American School Furn Co.....Chicago  
New York, Chicago  
Grand Rapids School Furn Co.....Grand Rapids  
Thos Kane & Co Works, Racine, Wis  
Standard School Furn Co.....Chicago  
Rand, McNally & Co.....Chicago  
E W A Rowles.....Chicago  
Chandler Adj Chair & Desk.....Boston  
Works  
McConnell School Supply Co.....Phila  
Central Sch Supply H.....Chicago & N Y

## DIPLOMAS.

Central Sch Supp H.....Chicago & N Y  
E W A Rowles.....Chicago  
Union School Furnishing Co.....Chicago  
McConnell Sch Supply Co.....Phila  
Standard School Furn Co.....Chicago  
Phillips Sch Supp H.....Williamsport, Pa

## DOOR SPRINGS FOR SCHOOLS.

Yale & Towne Mfg Co.....New York

## DRAWING SUPPLIES.

Milton-Bradley Co.....Springfield, Mass  
Thos Charles Co.....Chicago  
Prang Ed Co.....Boston, N Y & Chicago  
E W A Rowles.....Chicago

## DRAWING TABLES.

Hetterschied Mfg Co.....Grand Rapids

## ENGRAVERS.

Clark Engraving Co.....Milwaukee

## ERASERS.

N Y Silicate Slate Co.....New York  
Central Sch Supp H.....Chicago & N Y  
Eberhard Faber.....Chicago  
The A H Andrews Co.....Chicago  
E W A Rowles.....Chicago  
Standard School Furn Co.....Chicago  
Rand, McNally & Co.....Chicago  
Union School Furnishing Co.....Chicago  
McConnell Sch Supply Co.....Phila  
L A Murray & Co.....Kilbourn, Wis  
Am School Furn Co.....N. Y., Chicago

## FINE STATIONERY.

Bunde & Upmeyer, 71-75 Wis. St.  
Milwaukee, Wis  
Phillips Sch Supp H.....Williamsport, Pa

## FLAGS AND BUNTING.

(Dealers.)

The A H Andrews Co.....Chicago  
Central Sch Supp H.....Chicago  
E W A Rowles.....Chicago  
Standard School Furn Co.....Chicago  
Union School Furnishing Co.....Chicago  
McConnell School Supply Co.....Phila  
L A Murray & Co.....Kilbourn, Wis  
Phillips Sch Supp H.....Williamsport, Pa  
Standard Cabinet Works, Buffalo, N.Y.

## GLOBES.

Chandler Adj Chair & Desk.....Boston  
Works  
American School Furn Co.....Chicago  
Cleveland School Furn Works.....New York, Chicago  
Grand Rapids School Furn Co.....New York, Chicago  
Thos Kane & Co Works, Racine, Wis  
The A H Andrews Co.....Chicago  
The Caxton Co.....Chicago  
E W A Rowles.....Chicago  
Rand, McNally & Co.....Chicago  
Standard School Furn Co.....Chicago  
A J Nystrom & Co.....Chicago  
McConnell Sch Supply Co.....Phila  
L A Murray & Co.....Kilbourn, Wis  
Phillips Sch Supp H.....Williamsport, Pa  
Chapman Bros. & Co.....Seattle, Wash.

## HEATING AND VENTILATING.

Dickson Htg & Vtg Co.....Peoria, Ill

## INK.

Harry D Kirk.....Chicago  
E W A Rowles.....Chicago

## INK WELLS.

Squires Ink Well Co.....Pittsburg, Pa  
Weber, Costello, Frick Co.....Chicago  
E W A Rowles.....Chicago

## KINDERGARTEN SUPPLIES.

Milton-Bradley Co.....Springfield, Mass  
Thos Charles Co.....Chicago

## LANTERN SLIDES.

McIntosh Stereopticon Co., Dept. 3.....Chicago

## LIQUID SLATING.

E W A Rowles.....Chicago  
Phillips Sch Supp H.....Williamsport, Pa

## MANUAL TRAINING SUPPLIES.

E H Sheldon Co.....Evanston, Ill  
Hammacher & Schlemmer.....New York  
Chandler & Barber.....Boston  
Milton-Bradley Co.....Springfield, Mass

## MAGIC LANTERNS.

McIntosh Stereopticon Co., Dept. 3.....Chicago  
Central Sch Supp H.....Chicago & N Y  
McAllister, Mfg. Optician.....New York

## MAPS.

Central Sch Supp H.....Chicago & N Y  
The A H Andrews Co.....Chicago  
Rand, McNally & Co.....Chicago  
E W A Rowles.....Chicago  
Standard School Furn Co.....Chicago  
Caxton Co.....Chicago  
A J Nystrom & Co.....Chicago  
McConnell School Supply Co.....Phila  
L A Murray & Co.....Kilbourn, Wis  
Haney Sch F Co.....Grand Rapids, Mich  
Phillips Sch Supp H.....Williamsport, Pa  
Chapman Bros. & Co.....Seattle, Wash.  
Standard Cabinet Works, Buffalo, N.Y.

## OPERA CHAIRS.

A H Andrews Co.....Chicago  
Chapman Bros. & Co.....Seattle, Wash.  
Cincinnati Seating Co.....Cincinnati, O  
Eureka Mfg. Co.....Warren, O  
Standard Cabinet Works, Buffalo, N.Y.  
Am School Furn Co.....N. Y., Chicago  
Thos Kane & Co.....Racine, Wis  
Grand Rapids School Furniture Works.....Grand Rapids, Mich  
E W A Rowles.....Chicago

## ORGANS AND PIANOS.

Wing & Son.....New York  
350-391 W. 13th St., New York

## PENCILS.

Dixon Crucible Co.....Jersey City, N J  
Eberhard Faber.....New York  
Eagle Pencil Co.....New York

## PENCIL SHARPENERS.

F H Cook & Co.....Leominster, Mass  
E W A Rowles.....Chicago  
Standard School Furn Co.....Chicago  
Union School Furnishing Co.....Chicago  
N Y Silicate Slate Co.....New York  
Phillips Sch Supp H.....Williamsport, Pa

## PENS.

(Manufacturers.)

Eagle Pencil Co.....New York  
The Esterbrook Pen Co.....New York

## (Dealers.)

Eberhard Faber.....Chicago  
E W A Rowles.....Chicago

## PHYSICAL AND CHEMICAL APPARATUS.

Columbia School Supply Co.....Indianapolis, Ind  
E W A Rowles.....Chicago  
L A Murray & Co.....Kilbourn, Wis  
Phillips Sch Supp H.....Williamsport, Pa  
Standard Cabinet Works, Buffalo, N.Y.

## PRISM GLASS.

New York Prism Co.....New York

## PROJECTION LANTERNS.

McIntosh Stereopticon Co., Dept. 3.....Chicago  
F W A Rowles.....Chicago

## PROJECTION SCREENS.

McIntosh Stereopticon Co., Dept. 3.....Chicago

## RELIEF GLOBES.

Hammett, J L Co.....Boston, N Y  
The A H Andrews Co.....Chicago  
E W A Rowles.....Chicago

## RELIEF MAPS.

Central Sch Supp H.....Chicago & N Y  
The A H Andrews Co.....Chicago

## RUBBER BANDS.

Eberhard Faber.....New York

## SANITARY APPLIANCES.

N O Nelson Mfg Co.....St Louis, Mo  
Dickson Htg & Vtg Co.....Peoria, Ill

## SCHOOL BLANKS.

Central Sch Supp H.....Chicago & N Y  
The A H Andrews Co.....Chicago  
The Caxton Co.....Chicago  
E W A Rowles.....Chicago  
Weber, Costello, Frick Co.....Chicago  
Standard School Furn Co.....Chicago  
Rand, McNally & Co.....Chicago  
Union School Furnishing Co.....Chicago  
McConnell School Supply Co.....Phila  
Phillips Sch Supp H.....Williamsport, Pa  
L A Murray & Co.....Kilbourn, Wis  
Am School Furn Co.....N. Y., Chicago

## SCHOOL FURNITURE.

N. J. School-Church Furniture Co.....Trenton, N J  
Chandler Desk & Seat Co.....Boston  
Am School Furn Co.....New York, Chicago  
Union School Furnishing Co.....Chicago  
The Caxton Co.....Chicago  
Central Sch Supp H.....Chicago & N Y  
The A H Andrews Co.....Chicago  
E W A Rowles.....Chicago  
Standard School Furn Co.....Chicago  
McConnell Sch Supply Co.....Phila  
Cleveland Sch Furn Co.....Cleveland, O  
Eureka Mfg. Co.....Warren, O  
Grand Rapids Sch Furn Co.....Grand Rapids, Mich  
Haney Sch F Co.....Grand Rapids, Mich  
L A Murray & Co.....Kilbourn, Wis  
Thomas Kane & Co.....Racine, Wis  
Moore Mfg Co.....Springfield, Mo  
Piqua School Furn Co.....Piqua, O  
Milton-Bradley Co.....Springfield, Mass  
Phillips Sch Supp H.....Williamsport, Pa  
Chapman Bros. & Co.....Seattle, Wash.  
N. J. Church School Furniture Co.....Trenton, N. J.  
Standard Cabinet Works, Buffalo, N.Y.  
W. A. Choate, 24 State St., Albany, N Y

## SCHOOL ROOM SCULPTURE.

C. Hennecke Co.....Milwaukee

## SCHOOL SOUVENIRS.

Prof G Bixler.....Chicago

## SCHOOL SUPPLIES.

Prang Educational Co.....New York, Chicago, Boston  
Chandler Adj Chair & Desk.....Chicago  
Works  
Chandler & Barber.....Chicago  
American Sch Furn Co.....Chicago  
Chicago, New York  
Grand Rapids Sch Furn Co.....Chicago  
Thos Kane & Co Works, Racine, Wis  
N Y Silicate Slate Co.....Chicago  
Central School Supp H.....Chicago  
McConnell Sch Supply Co.....Phila  
Columbia School Supply Co.....Indianapolis, Ind  
The A H Andrews Co.....Chicago  
The Caxton Co.....Chicago  
E W A Rowles.....Chicago  
Rand, McNally & Co.....Chicago  
Standard School Furn Co.....Chicago  
Union School Furnishing Co.....Chicago  
A J Nystrom & Co.....Chicago  
Thomas Kane & Co.....Kilbourn, Wis  
L A Murray & Co.....Grand Rapids, Mich  
Haney Sch F Co.....Springfield, Mass  
Phillips Sch Supp H.....Williamsport, Pa  
Chapman Bros. & Co.....Seattle, Wash.  
N. J. Church School Furniture Co.....Trenton, N. J.  
Standard Cabinet Works, Buffalo, N.Y.

## TEACHERS' AGENCIES.

Central Teachers' Agcy., Columbus, O  
Nat'l Educational Bureau.....Harrisburg, Pa  
N E Teachers' Exchange.....Providence, R I  
Schermerhorn Teachers' Agency.....New York  
Pratt Teachers' Agency.....Syracuse  
Syracuse Teachers' Agency.....Syracuse, N.Y.  
School Bulletin Agency.....Albany  
Albany Teachers' Agency.....Albany  
Rome Teachers' Agency.....Rome, N.Y.  
Teachers' Exchange.....Boston  
Edmonds' Ed Exchange.....Chicago  
Fisher's Teachers' Agency.....Chicago  
Albert Teachers' Agency.....Chicago  
Clark Teachers' Agency.....Chicago  
McGillough Teachers' Agency.....Chicago  
Independent Teachers' Agency.....Waterloo, Ia  
Dewberry's Sch Agy., Birmingham, Ala  
N. W. Teachers' Bur., Madison, Wis.

## TYPEWRITERS.

Smith-Premier Typewriter Co.....Syracuse, N Y  
Williams Typewriter Co., Derby, Conn.

## WINDOW SHADES.

E W A Rowles.....Chicago

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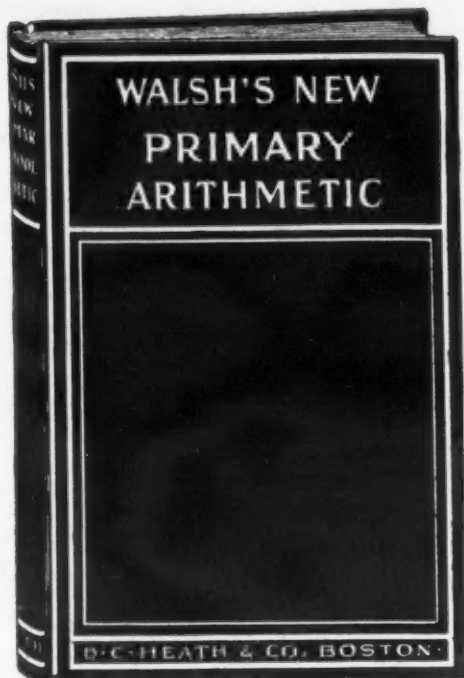
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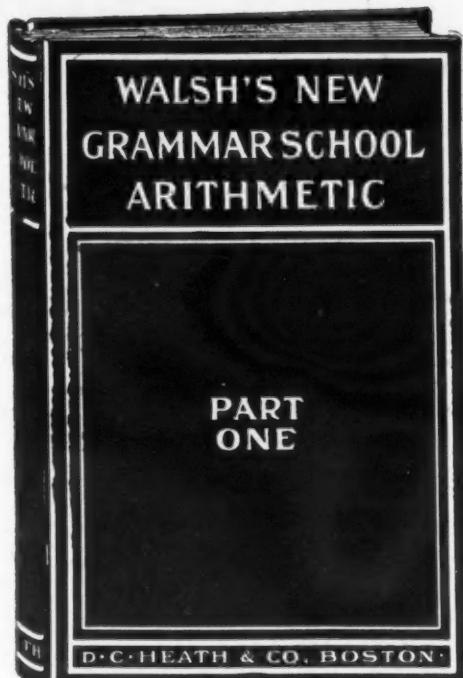
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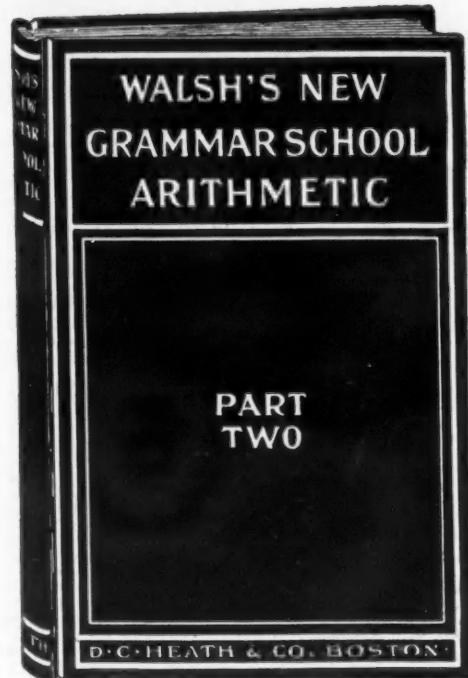
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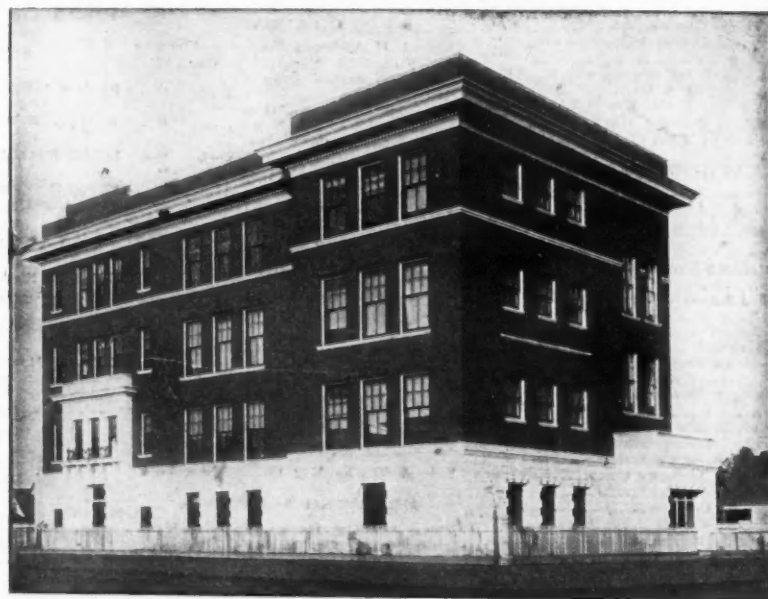
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